00033433

NOT TO BE ISSUED
OUT OF THE LIBRARY.

Digitized with financial assistance from
Observer Research Foundation
on 17 May, 2019

MAJOR GENERAL HARDWICKE.

F.R.S. F.R.S.A. F.L.S. F.Z.S.

&c. &c. &c.

From a Portrait by J. Lucas. Lithographed by Louis Haghe.

Published by Treuttel, Wurtz, & Co. 30 Soho Square. Parbury & Allen, Leadenhall St. June 1831.

ILLUSTRATIONS

OF

INDIAN ZOOLOGY;

CHIEFLY SELECTED FROM THE COLLECTION

OF

MAJOR-GENERAL HARDWICKE, F.R.S.,

L.S., M.R.A.S., M.R.I.A., &c., &c.

B 1058

33433
ae

BY

JOHN EDWARD GRAY, F.R.S.,

F.G.S., F.Z.S., M.R.G.S.,

CORRESPONDING MEMBER OF THE ACADEMY OF NATURAL SCIENCES, AND MACLURIAN LYCEUM OF PHILADELPHIA, HONORARY MEMBER OF THE NATURAL HISTORY SOCIETY OF PARIS, AND OF THE IMPERIAL SOCIETY OF THE OBSERVERS OF NATURE AT MOSCOW, AND OF THE NATURAL HISTORY SOCIETY OF NEWCASTLE-UPON-TYNE, &c. &c.

591
Gra/911
33433

VOL. I. II.

LONDON:

PUBLISHED BY ADOLPHUS RICHTER AND CO., SOHO SQUARE, AND PARBURY, ALLEN AND CO., LEADENHALL STREET.

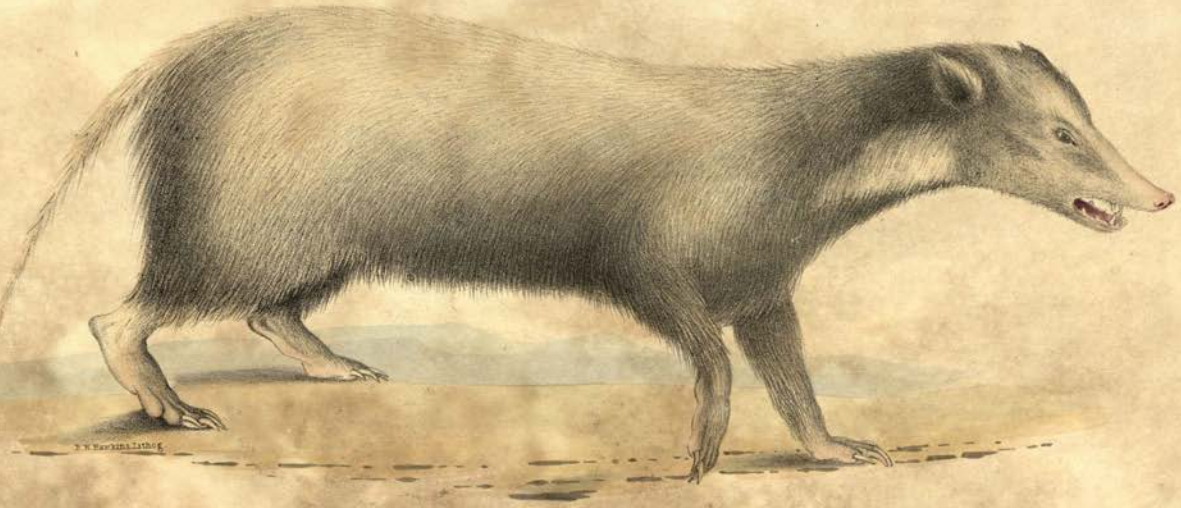
MDCCCXXXIII—MDCCCXXXIV.

1833-34

00033433

FELIS AFFINIS – Gray
ALLIED CAT.

London. Published by Parbury & Allen, May 1st 1825
Printed by Engelmann & Co.



J. W. Hawkins Lithog.

MYDAUS COLLARIS Gray. COLLARED CIVET BEAR.

India. Bali Saur. of the Hindoos.

Published 1829 by Parbury, Allen & Co. Leadenhall Street.
Printed by W. Day.

ARVICOLA INDICA—Gray.
INDIAN FIELD MOUSE.

Published by Parbury & Allen, London, May 1, 1829
Printed by Stephenson & Co.

LIBRARY OF THE BOMBAY BRANCH OF THE ROYAL ASIATIC SOCIETY

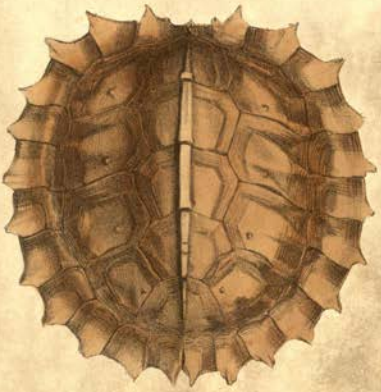
H. W. Sawyer's lithog.

Printed by Ingelmann & Co.

PHASIANUS PUCRASIA n. PUCRAS PHEASANT. Lath.
ALMORAH WELLS, CALLED PUCRAS

Published June 1, 1828 by Parbury, Allen, & Co. Leadenhall St. London.

STRIX COROMANDRA. Lath. COROMANDEL OWL. Lath. Coromandel.



1 . 2 EMYS SPINOSÆ. Bell. Penang.

3 . 4 CISTUDA AMBOINENSIS. Amboina. Nat. Size.

B.W. Hawkins lithog

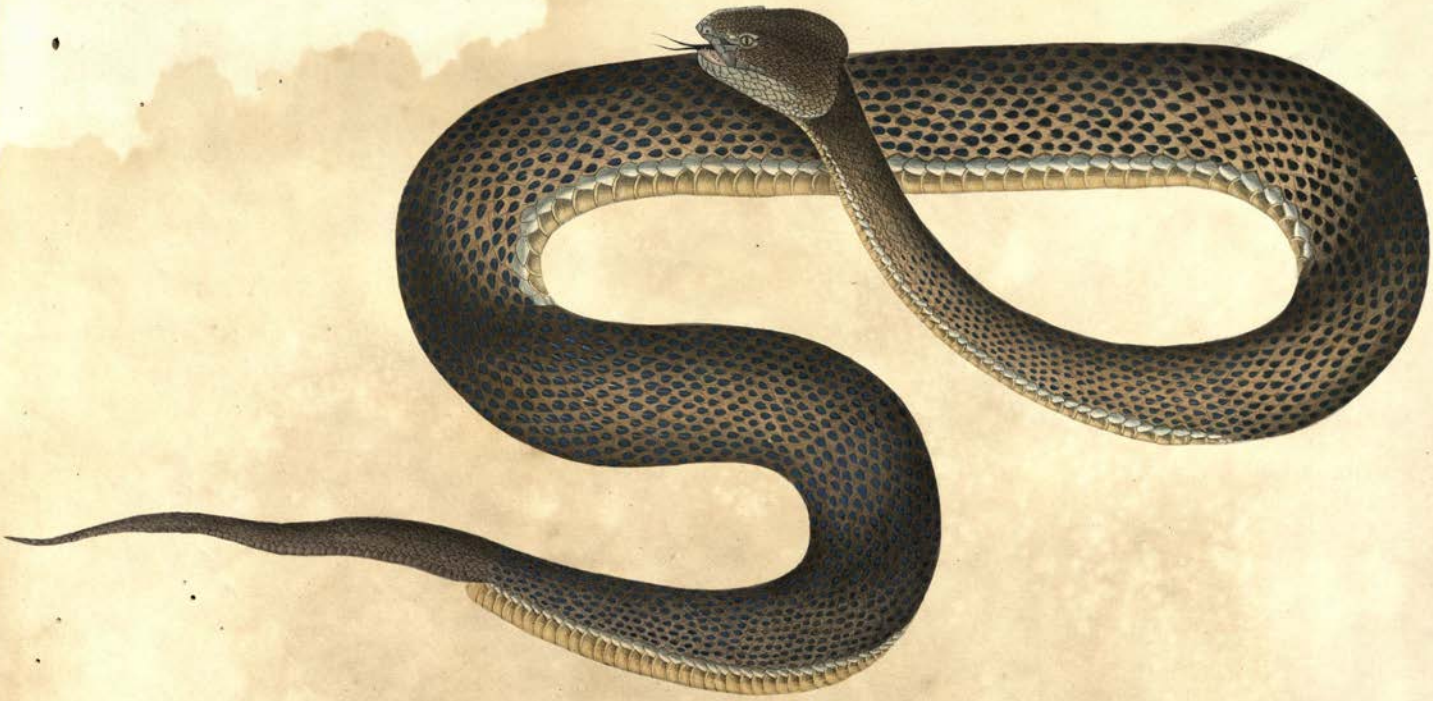
Published 1828 by Parbury Allen & Co Leadenhall Street

Printed by Wiley & Gate Street.

BUFO CARINATUS n. KEELED NOSED TOAD
BENGAL

BUFO DUBIA n. DOUBTFUL TOAD. Shaw
BENGAL

London: Published Sept. 1828 by Parbury, Allen & Co. Leadenhall St.
Printed by Dupuis, Bryant Street W.C.



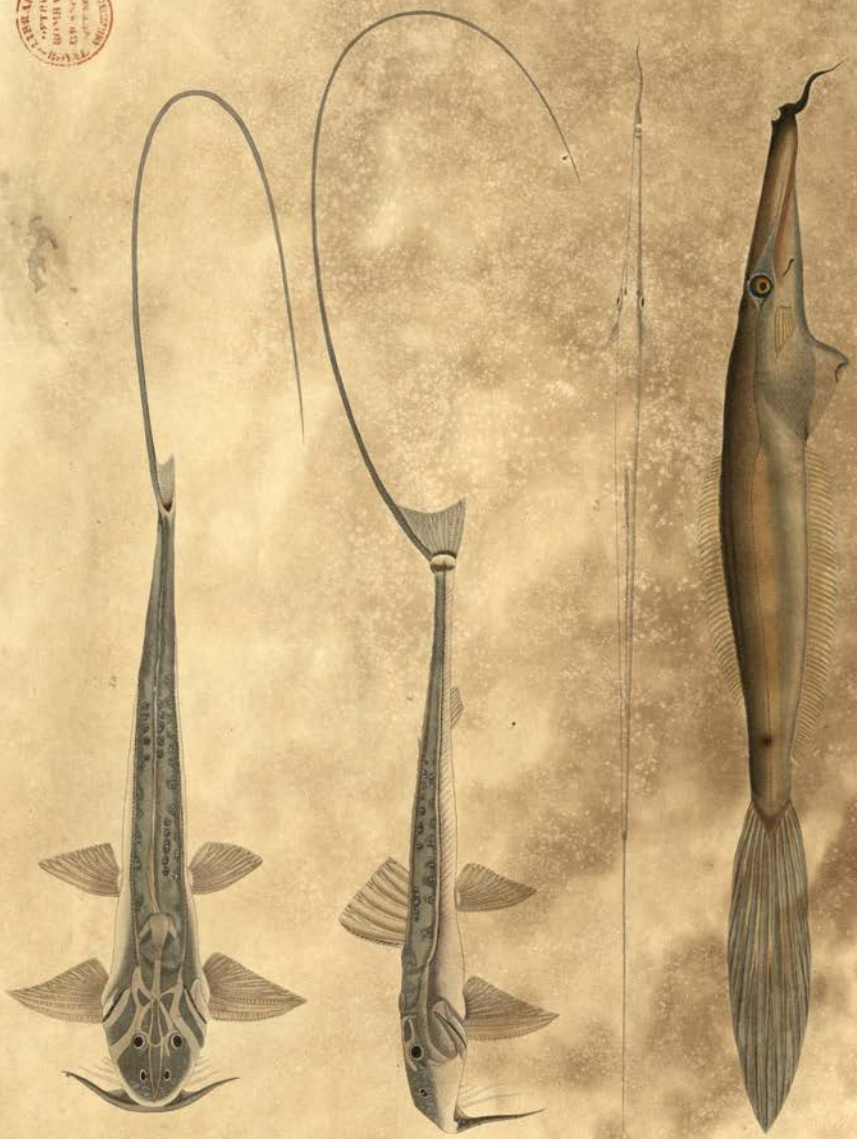
J. W. Hawkins Delig.

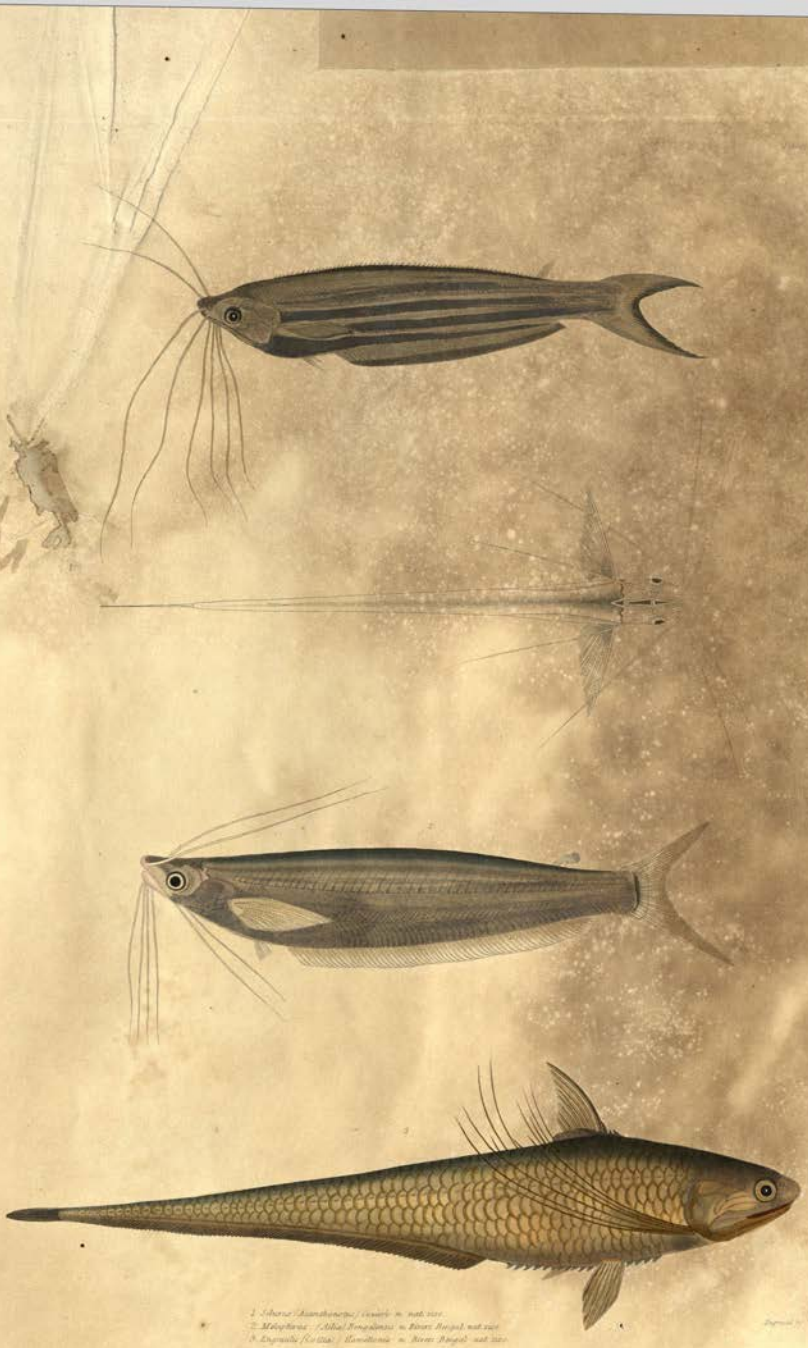
Printed by Engelmann Ills.

TRIGONOCEPHALUS PURPURCORNACULATUS. n. BLUE SPOTTED COPHIAS.

SINGAPORE.

London: Published June 1, 1828, by Parbury, Allen & Leadenhall St.





VIVERRA FUSCA.- Gray
BROWN LONG NOSED CIVET

PELIS ORNATA.—Gray
BEAUTIFUL CAT.

London. Published by Parbury and Allen, May 1st 1820
Printed by Engelmann & Co.

LIBRARY OF THE BOMBAY BRANCH OF THE ASIATIC SOCIETY

CICONIA (MYCTERIA) AUSTRALIS. Lath. TETAAR JABIRU. Lath.
POTTERHOUSE INDIA

London, Published Sept. 1818 by Parbury Allen & Co. Leadenhall St.

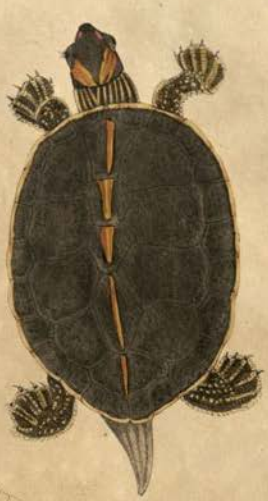
W.B. Hawkins Lithog.

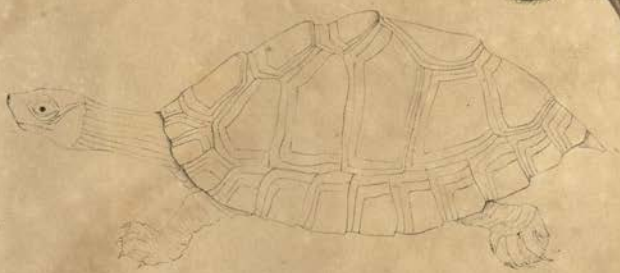
Printed by W. Day 17 Gate St.

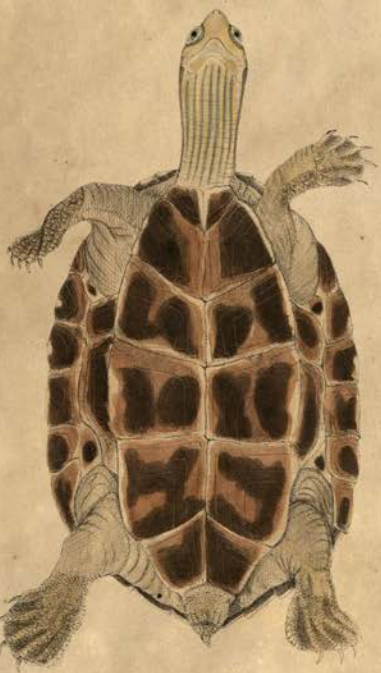
1. BALASSIAN SWIFT. CYPSELUS PALMARUM. n. – 2. CYPSELUS AFFINIS. n. – 2. ALLIED SWIFT. 3. CHINESE MARTIN. Lath. HIRUNDO CHINENSIS. n.

1.a Male. 1.b Female. (1.c.1.d.) Young & Nest on Palm Leaf.

Published 1829 by Parbury, Allen & Co. Leadenhall Street.





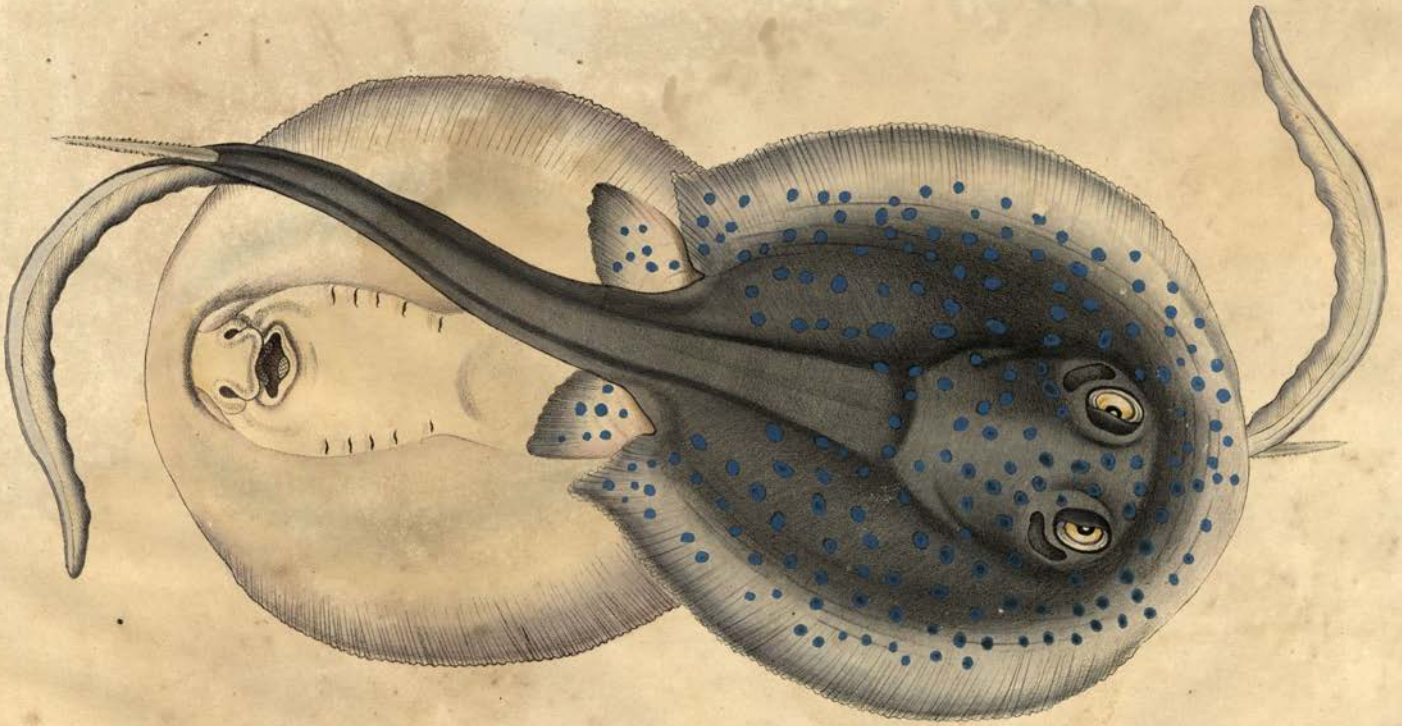


B. W. Hawkins, lith.

RAVED TERRAPIN. EMYS TECTUM. Bell Mfs.

From Dr Buchanan Hamiltons Drawings

India.



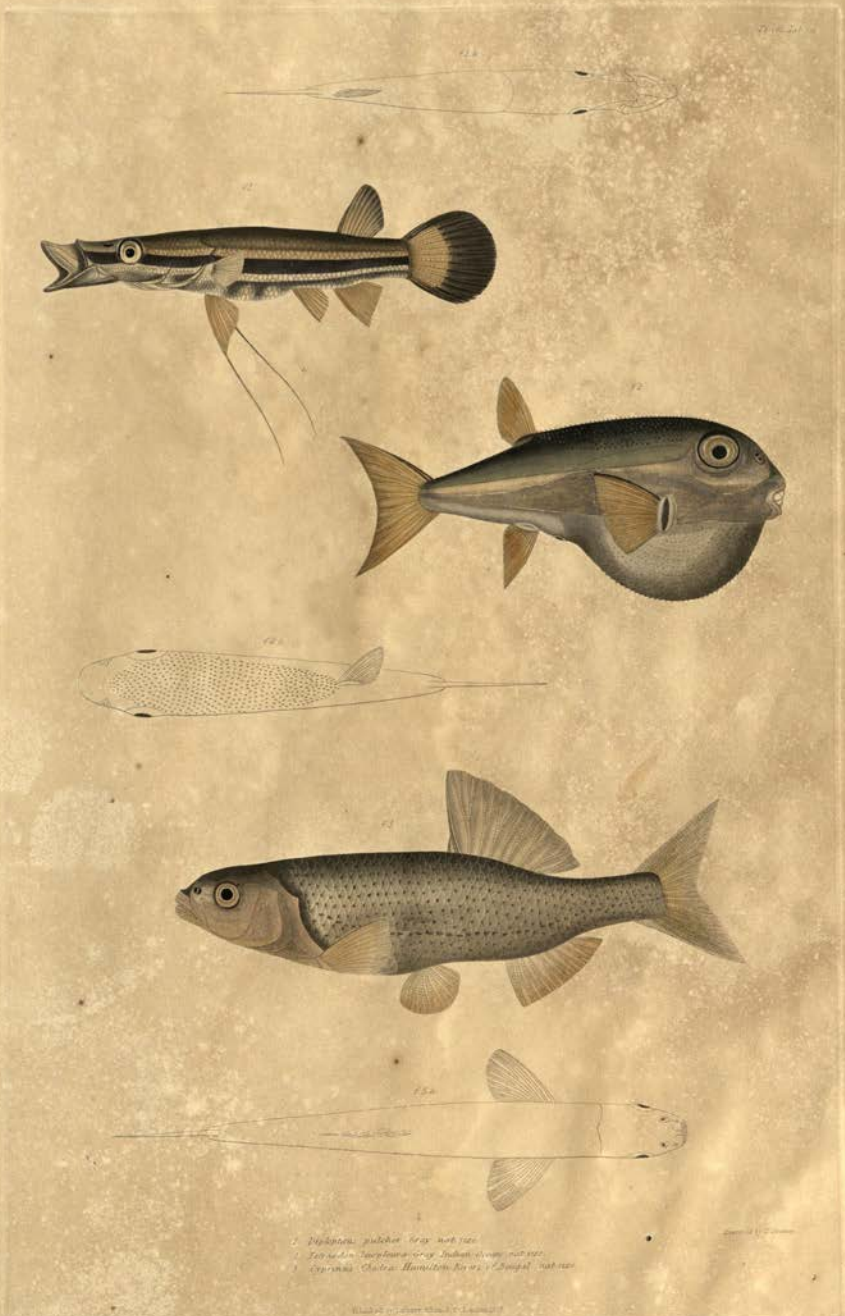
W. Hawkins lithog.

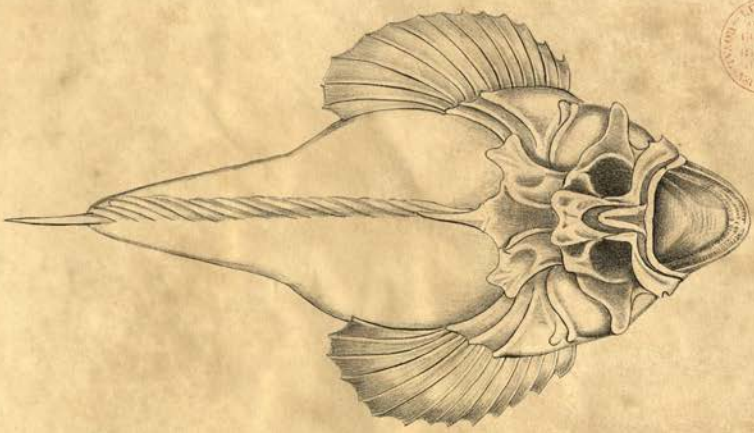
Printed by W. Day.

TRYGON ORNATUS. n.

Singapore

Published 1829 by Parbury Allen & Co Leadenhall Street.





S.W. Hawkins lith.

DEFORMED HOG FISH. SYNANCEIA GROSSA.

Singapore.

Published by Dorbury Allen, & Cº Leadenhall Street.
Printed by W Day.

B.W. Hawkins Lithog.

ERINACEUS COLLARIS n. COLLARED HEDGE HOG.
Dorb.

Published 1819 by Harvey Allen, 40 Leadenhall Street
Printed by W. Day, 17 Gate St.

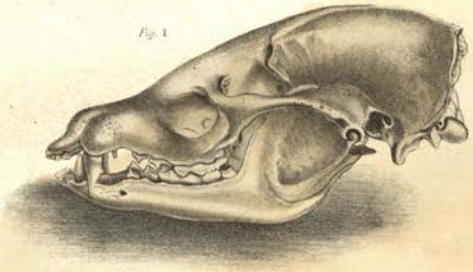


Fig. 1.

Fig. 3.

Fig. 2.

Fig. 4.

MYDAUS COLLARIS.—Gray.
COLLARED CIVET BEAR.

W.B. Hawkins lithog

DYSOPES MURINUS n. MURINE DYSOPES.
Bengal.

Published 1829 by Parbury, Allen & Co. Leadenhall Street.
Printed by W. Day 17 Gate St.

PICA GINENSIS, n CHINESE MAGPIE.
India.

Published 1829 by Parbury Allen & Co Leadenhall Street.
Printed by W Day.

W. H. Hawkins lith. Printed by W. Day & Co. Gate 30

PHASIANUS PURPUREUS n. PURPLE PHEASANT PENANG.

Phasianus Erythropthalmus y Raffles

1, 1a. HYLA MACULATA, n. SPOTTED TREE FROG.
BENGAL.

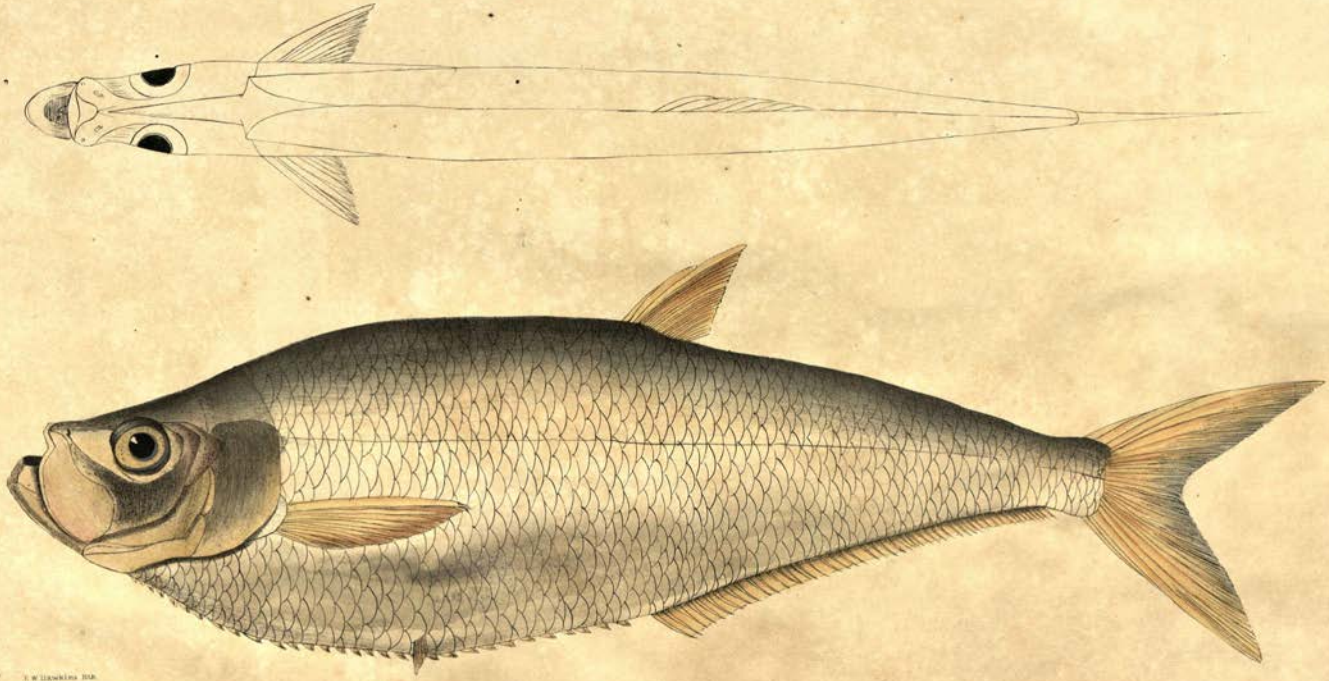
2, 2a RANA BENGALENSIS, n. BENGAL FROG.
BENGAL.

Published June 1, 1828, by Parbury, Allen, & Co. Leadenhall Street, London
Printed by Engelmann & Co.

J.W. Hawkins, lith.

1. SCYLLUM MACULATUM. n SPOTTED BEARDED SHARK. India Mus Brit
2. SCYLLUM ORNATUM. n ORNAMENTED BEARDED SHARK. China Mus Brit

Published by Parbury Allen & Co Leadenhall Street
Printed by W Day



F. W. Hawkins Del.

CLUPEA AFFINIS n ALLIED HERRING.

Penang.

Published 1829 by Parbury Allen & Co. Leadenhall Str. London.
Printed by W. Day & Sons Lith.

Pieces Tab. d.
1
2a
2
2a
3a
3
1 Balitora Brunn. Gray Mountain Stream India
2 Balitora maculata Gray Mountain Stream India
3 Cyprinus Gotita n. Mountain Stream India
Drawn by J. Lawson

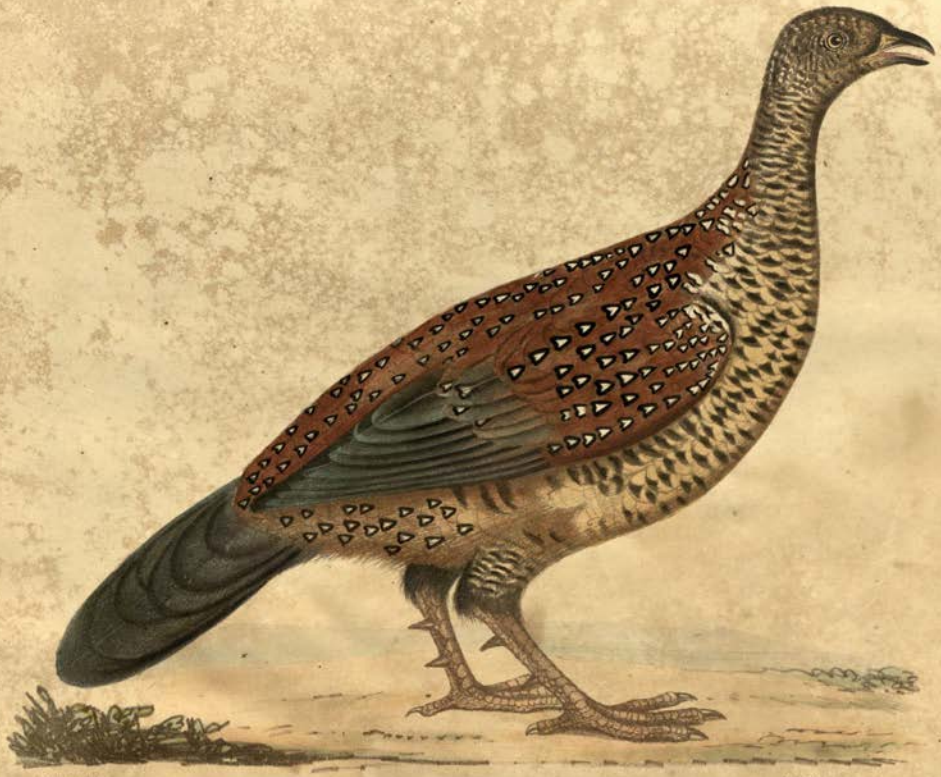
1. 2. AMMONITES NEPAULENSIS. n.
3. WALLICHII. n.
4. TENUISTRIATA. n.

All from Sulgrances Nepaul.

Published 1828 by Parbury Allen & Co Leadenhall Str. London.
Printed by W. Day 17 Gate Str.

INDIAN ANTELOPE. ANTELOPE CERVICAPRA. Lin.

1. Young in Month of January 1822. Antelope bilineata Ham. MS. 2. same individual in end of Oct.r 1823. 3. Adult.



CURRIA PARTRIDGE. - PERDIX HARDWICKII. Gray.

PERDIX OLIVACEA a OLIVE PARTRIDGE Lath.H.
India

CAPRIMULGUS INDICUS. Lath. INDIA GOAT-SUCKER.

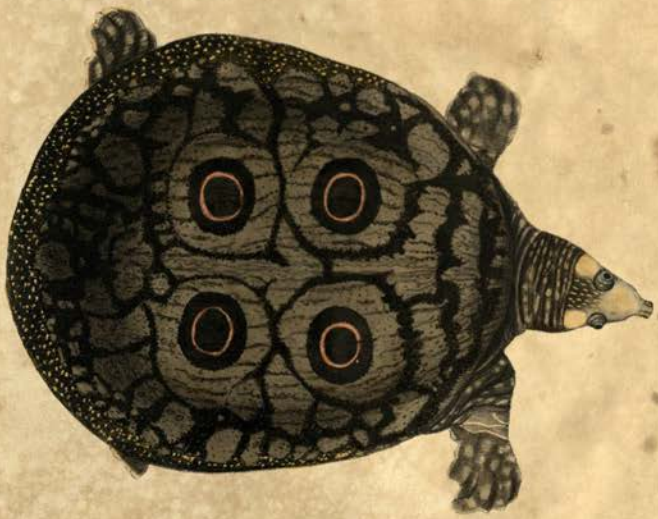
CAPRIMULGUS ASIATICUS. Lath. BOMBAY GOAT-SUCKER.

PICA VAGABUNDA, Weigler - RUFOUS MAGPIE.
Kereyli. Natives of Calcutta.

GIRRA TEAL - Lath. ANAS GIRRA Lin.

1. Male 2. Female

Published 1828 by Sherbury Giles & Co. London

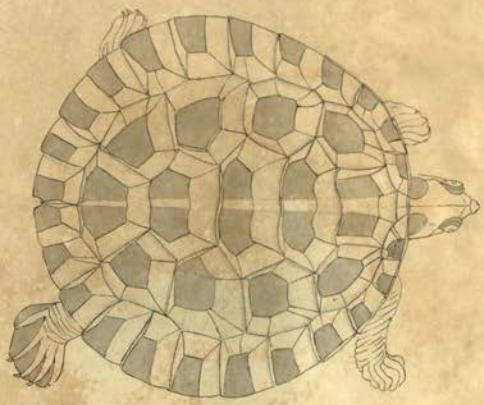


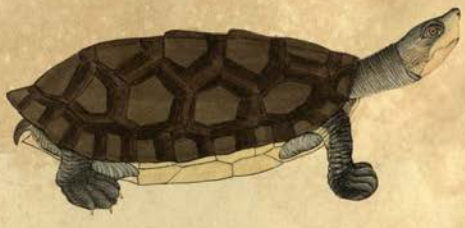
W. H. Hawkins lithog.

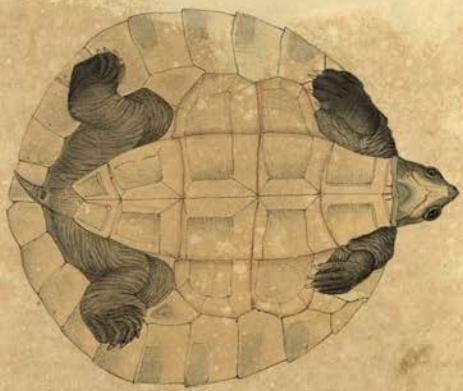
TRIONYX OCCELLATUS n. EYED TRIONIX.

From Dr. Buchanan Hamilton's Drawings
India

Published 1st Feb. by Parbury Allen & Co. Leadenhall Street
Day, lithog. 17 Gate St.



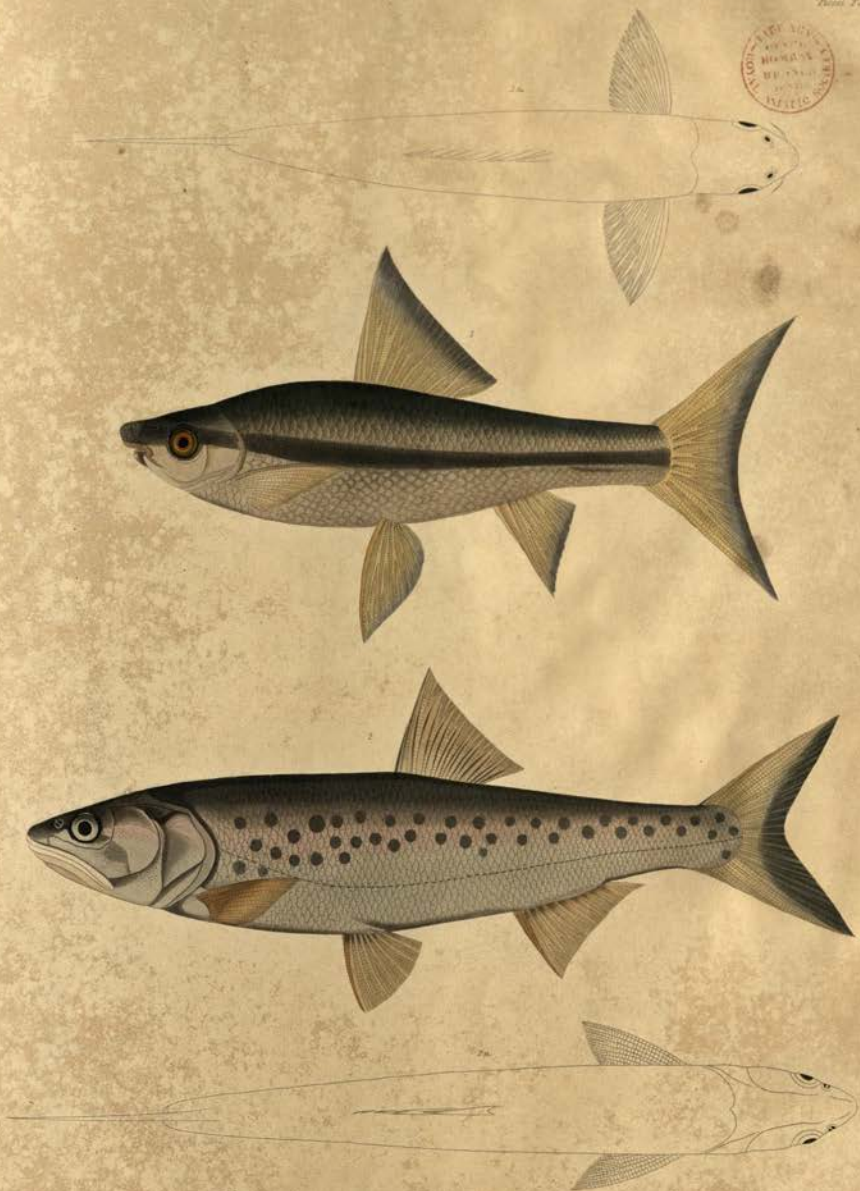




Morley del.

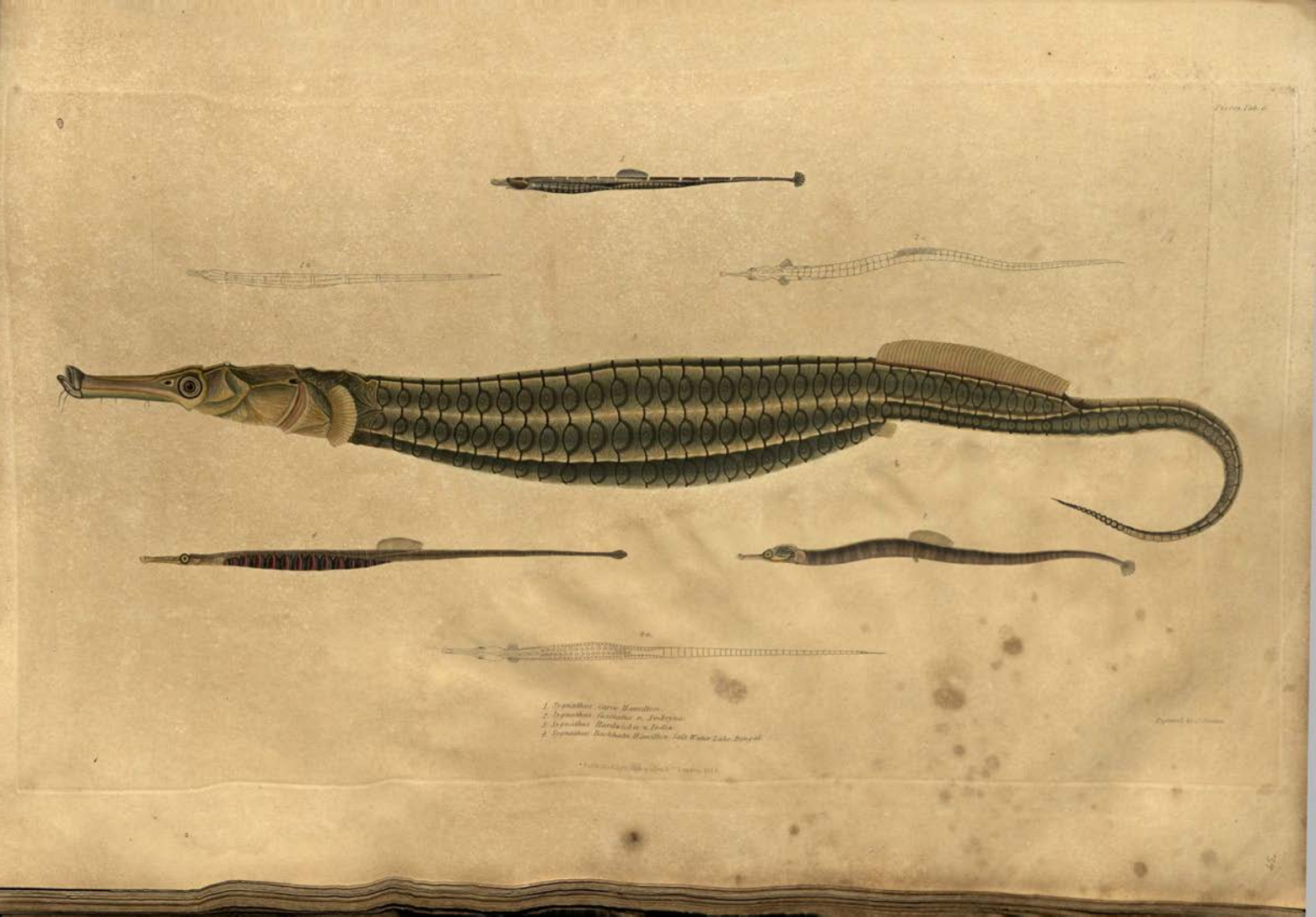
BASKA TERRAPIN. n. EMYS BASKA. n.
From Dr. Buchanan Hamilton's Drawing.
Published by Parbury Allen & Co. Leadenhall St.
Printed by W. Boyce

Pisces Tab. 3



1 Cyprinus (Barbus) Hamiltonii Gray nat. size
2 Cyprinus (Leuciscus) Gobio Hamilton nat. size Kiss & Son River

Drawn by J. Bowen


Pisces Tab. 6
1. Syngnathus Carve Hamilton.
2. Syngnathus Fasciatus n. Ambryna.
3. Syngnathus Hardwickii n. India.
4. Syngnathus Buchhaln Hamilton. Salt Water Lake Bengal.

SOREX MYOSURUS.—Pallas. MUSK SHREW.
BENGAL

Published June 1, 1829 by Parbury Allen, & Co. Leadenhall Street London

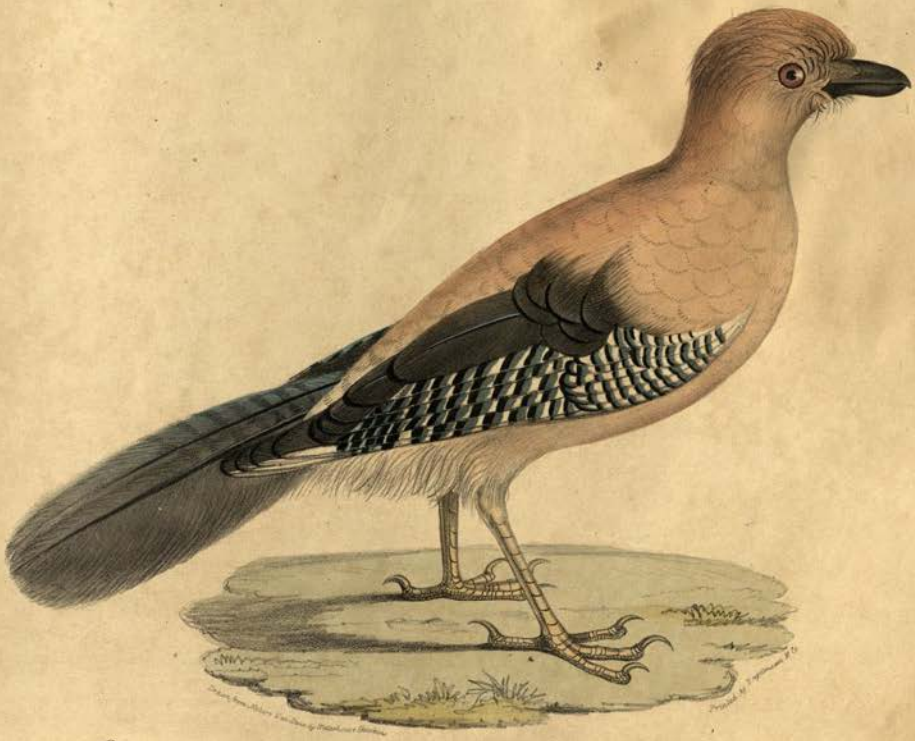


Fig. 1 GARRULUS GULARIS. Nob GULAR JAY.

Fig. 2 GARRULUS ORNATUS. Nob BEAUTIFUL JAY.
ALMORAH. Nat. Sig.

KITTA VENATORIUS. Nob HUNTING CROW. Lath Hist

1. PICUS DIMIDIATUS Temm. ALMORAH WOODPECKER. 2. PICUS RUFUS. Lath. RUFUS INDIAN WOODPECKER. Lath.

LINEATED PHEASANT Lath PHASIANUS HAMILTONII Gray MALE.
Rhalidge Nepaulese Nepaul

Published 1828 by Parbury Allen & Co. Leadenhall Street
Printed by W. Bay 47 Gate Ste.

B. Waterhouse Hawkins. Lith.

SPUR WINGED PLOVER. Lath CHARADRIUS VENTRALIS. Wagler.
Cawnpore
1. Male 2. Female

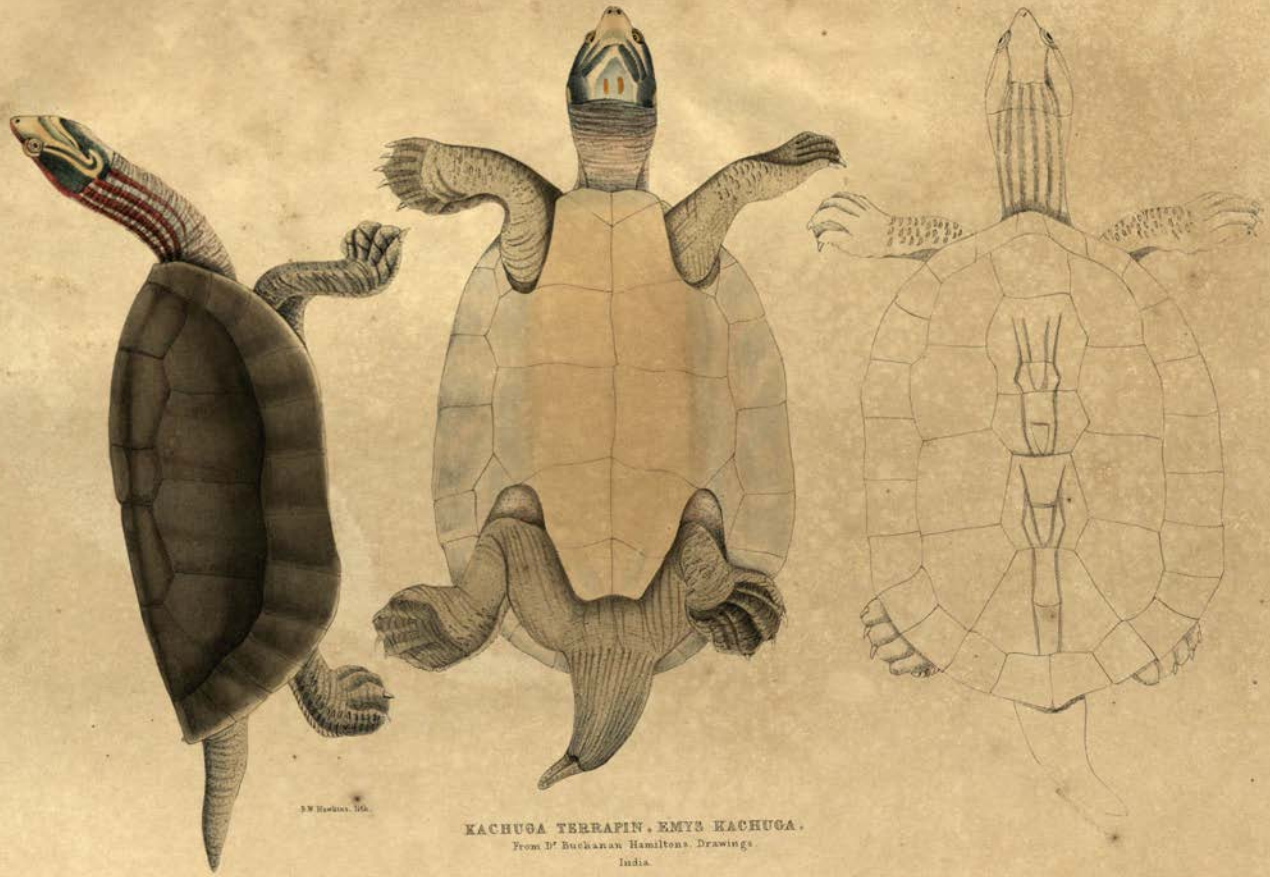
Published 1843 by Spottiswoode & Co. Lindenhall, Bronx
Printed by Kay

1. WAVED TERN. Lath. H. — STERNA SERVIROSTRIS. Nob.

2. ORANGE BILLED TERN. — STERNA AURANTIA. Nob.

1. ARDEA CINNAMOMEA. Lath. CINNAMON HERON. Young. *Puttehghur.*

2. YELLOW NECKED HERON. Lath. ARDEA FLAVICOLLIS. Wagler



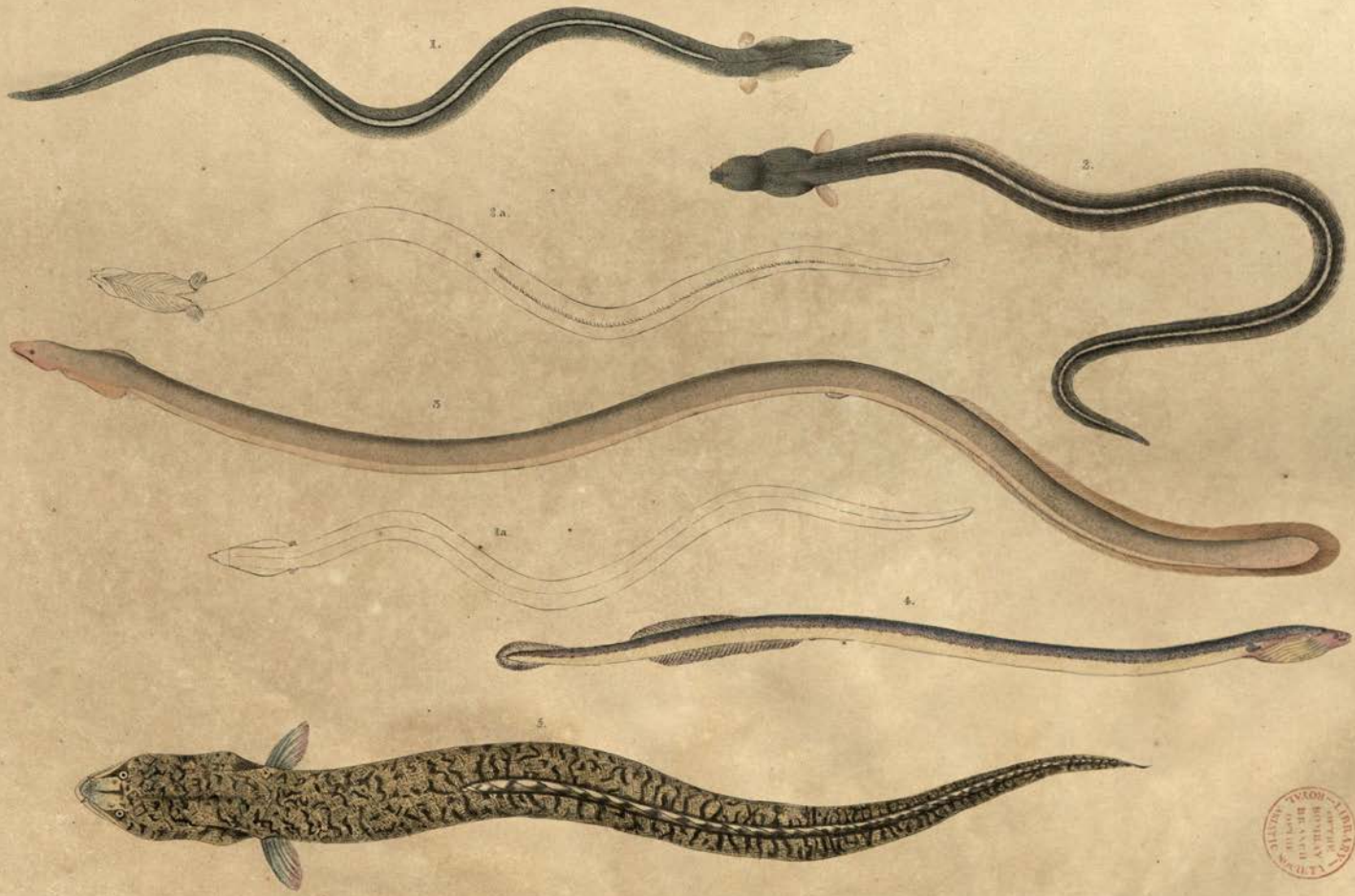
S.W. Hawkins, lith.

KACHUGA TERRAPIN. EMYS KACHUGA.

From Dr Buchanan Hamiltons. Drawings.

India.

Published by Parbury Allen & Co Leadenhall Street
Printed by W. Day.



LIBRARY OF THE BOMBAY BRANCH OF THE ASIATIC SOCIETY

H.W. Hawkins lith.

1. OPHISURUS BOHO. Hamilton Mas.
2. OPHISURUS HURANCHA. Hamilton.
3. MURÆNA BENGALENSIS. n.
4. MORINGUA LINEARIS. n.
5. MATABOURA HARDWICKII. n.

London, Pub.d by Trustell, Wells & C.o Edw. Square.

Drawn from Nature & on Stone by Waterhouse Hawkins

Printed by Engelmann & Co.

1. PICUS MINIATUS Forst CRIMSON WOODPECKER 2. PICUS TIGA Horst INDIAN 3. TOED WOODPECKER. a 2. HEAD OF FEMALE.

Drawn from Nature & on Stone by Waterhouse Hawkins

Printed by Englemann & C.

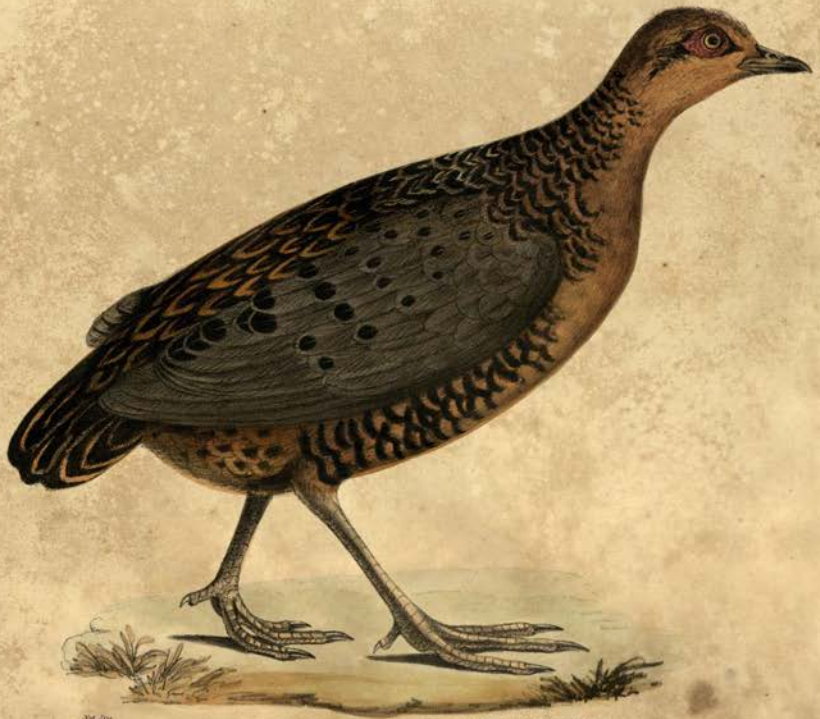
1.PICUS NEPAULENSIS Nob NEPAUL WOODPECKER.

2.PICUS BARBATUS Nob MOUSTACHE WOODPECKER.

CENTROPUS SIRKEE n SIRKEER CUCKOO.

Lath. II.

Published 1829 by Parbury Allen & C° Leadenhall Street.
Printed by W. Day.



PERDIX OCULEA Ternua — EYED PARTRIDGE.

Bengal.

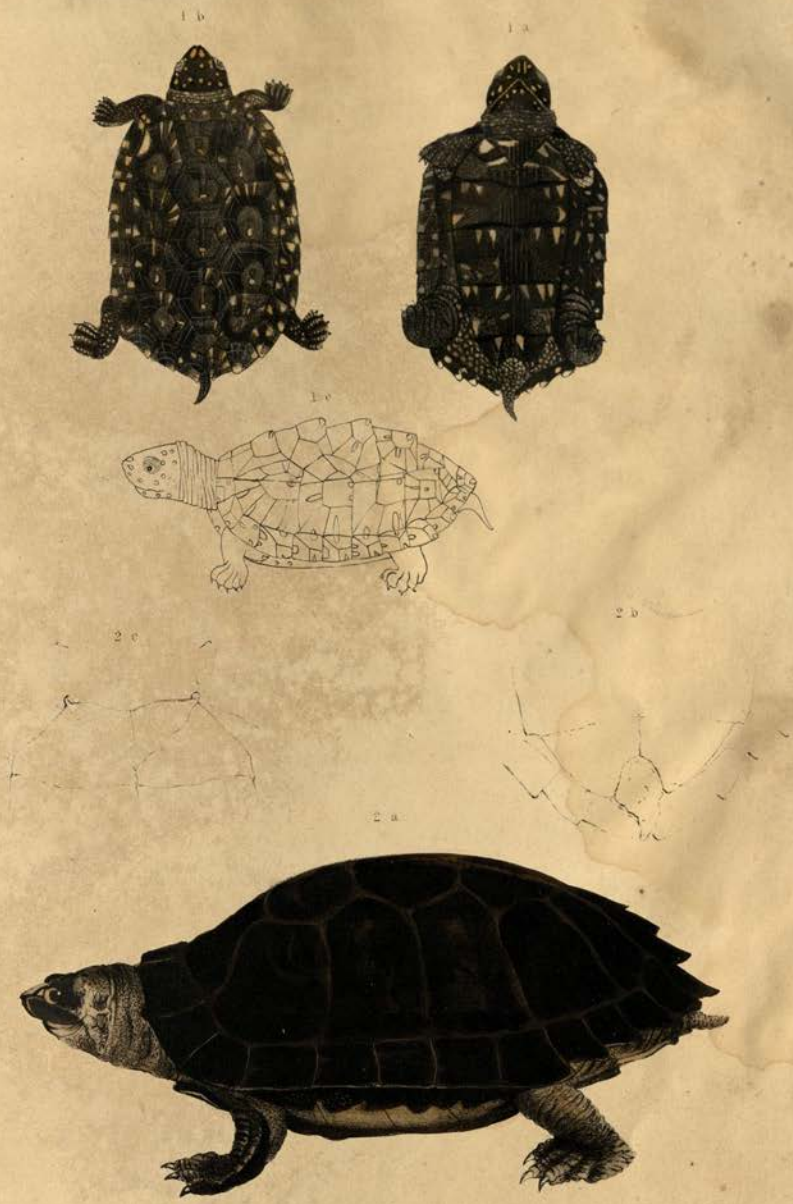
LIBRARY OF THE BOMBAY BRANCH OF THE ASIATIC SOCIETY

1. JAVAN TERN. Lath. H. STERNA JAVANICA. Horsf. (female)
2. ALLIED TERN. STERNA SIMILIS. Nob.
3. BROWN BELLIED TERN. Lath. H. STERNA ACUTICAUDA. nob. male)

all from Cawnpore ... of the Natural Size.

B. W. Hawkins lithog.

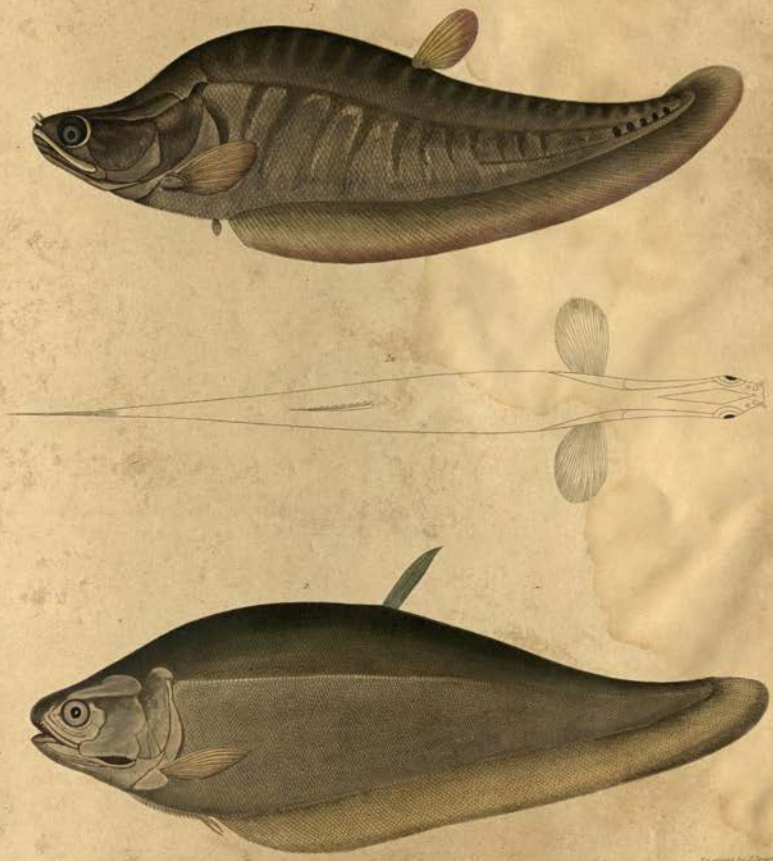
London. Pub^d by Trustell, Wurtz & Co Soho Square



1 ..... SPOTTED TERRAPIN - EMYS GUTTATA n.
From Dr Buchanan Hamiltons Drawings.
2 ..... THICKNECKED TERRAPIN - EMYS CRASSICOLLIS Bell Mss
Mus D Bell

Published by Messrs Ernst & Wurtz & Co Soho Square
Printed by W Dey

Pisces Tab. 7.



Engraved by J. Swain

1. Mystus Chitala Ham.
2. Mystus Kontrol n.

Published by Lackington Allen & Co. Lackinghall Square 1818

Printed by W. Day

INDIAN ANTELOPE. ANTELOPE CERVICAPRA. Linn
India

1. Young 2. Adult.

Published 1828 by Treuttel, Würtz, & Co Londonhall Street.

1. CONCENTRIC FRANCOLIN (female) PERDIX CONCENTRICA. 2. JAVANESE PEACOCKS (Head)

1.WOOD PARTRIDGE) PERDIX GULARIS (Temm) 2. ORIENTAL PARTRIDGE PERDIX ORIENTALIS (Lath. Hist.)

B.W.Hawkins del.

PICUS MACEI. LESSER SPOTTED WOODPECKER.
1 Male. 2 Female. 2a Wing. 2b Tail.

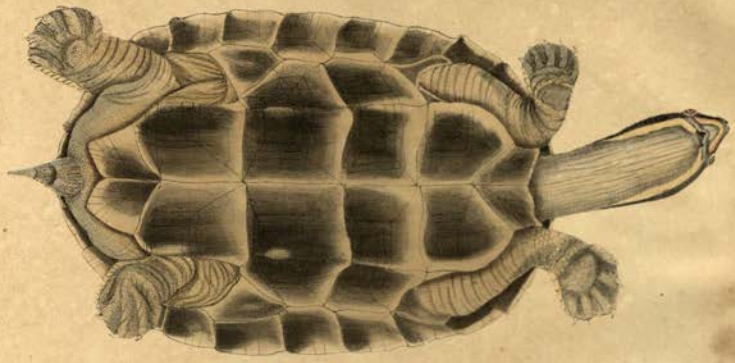
Pub.d by Treuttel & Wurtz, Soho Square.

1. PICUS MOLUCCENSIS. Lath. BROWN WOODPECKER. Lath. *a Male b Female*

2. PICUS MAHRATTENSIS. Lath. MAHRATTA WOODPECKER. *a Male b Female*

1. PICUS MOLUCCENSIS. Lath. BROWN WOODPECKER. Lath. *a Male b Female*

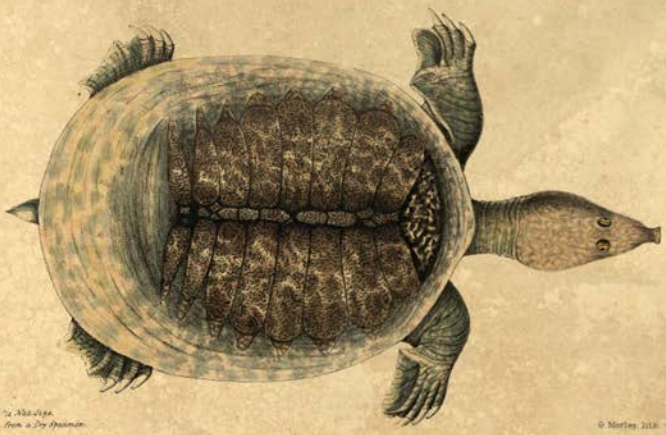
2. PICUS MAHRATTENSIS. Lath. MAHRATTA WOODPECKER. *a Male b Female*



THUJI TERRAPIN n. EMYS THUJI n.

From Dr Buchanan Hamilton's Drawing.

Published by Parbury Allen & Co Leadenhall Ste
Printed by W. Day

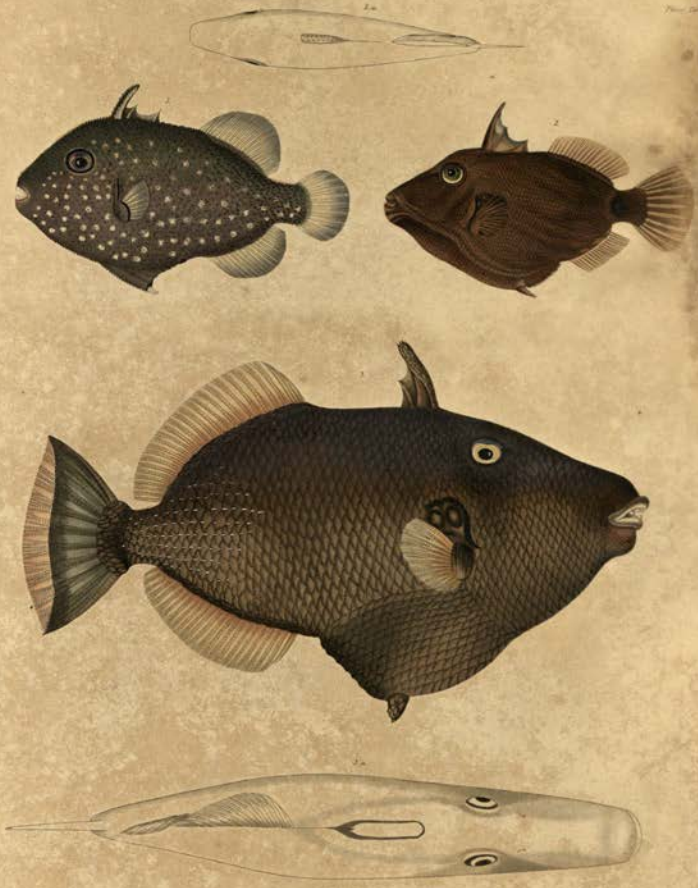


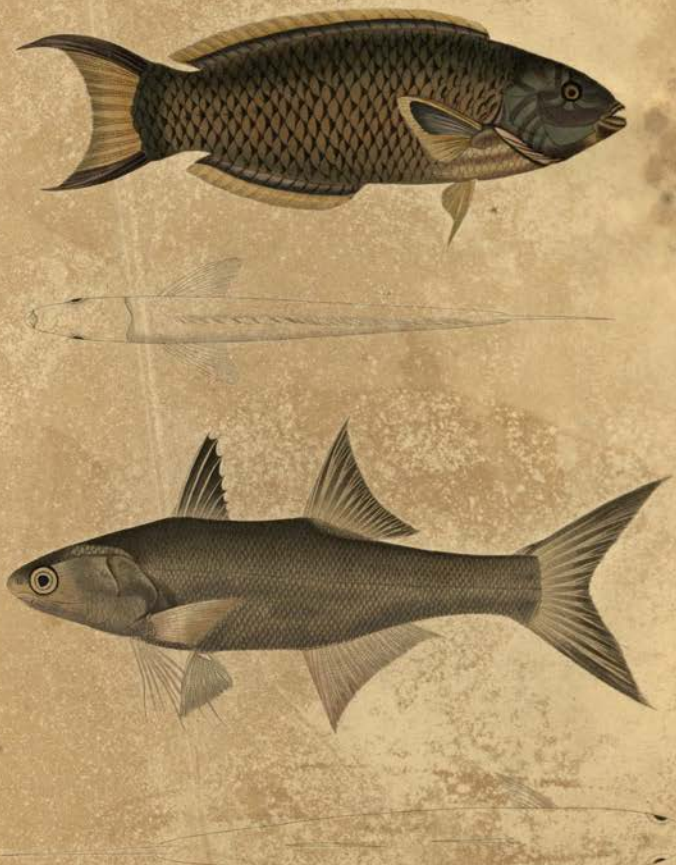
¼ Nat. Size.
From a Dry Specimen.

G. Morley, lith.

TRIONYX SUBPLANUS. Geoff. FLAT TRIONYX.
India.

Published 1829 by Parbury Allen & Co. Leadenhall Street.
Printed by W. Day & Co. Lith.





BENGAL VULTURE. VULTUR BENGALENSIS (Lath.) 1. HEAD OF VULTURE PONTICERIANUS. 2. HEAD OF VULTURE MONACHUS.

PLAIN FISHING EAGLE. HALIÆTUS UNICOLOR. Gray.

LINED FISHING EAGLE. HALIÆTUS LINEATUS Gray.

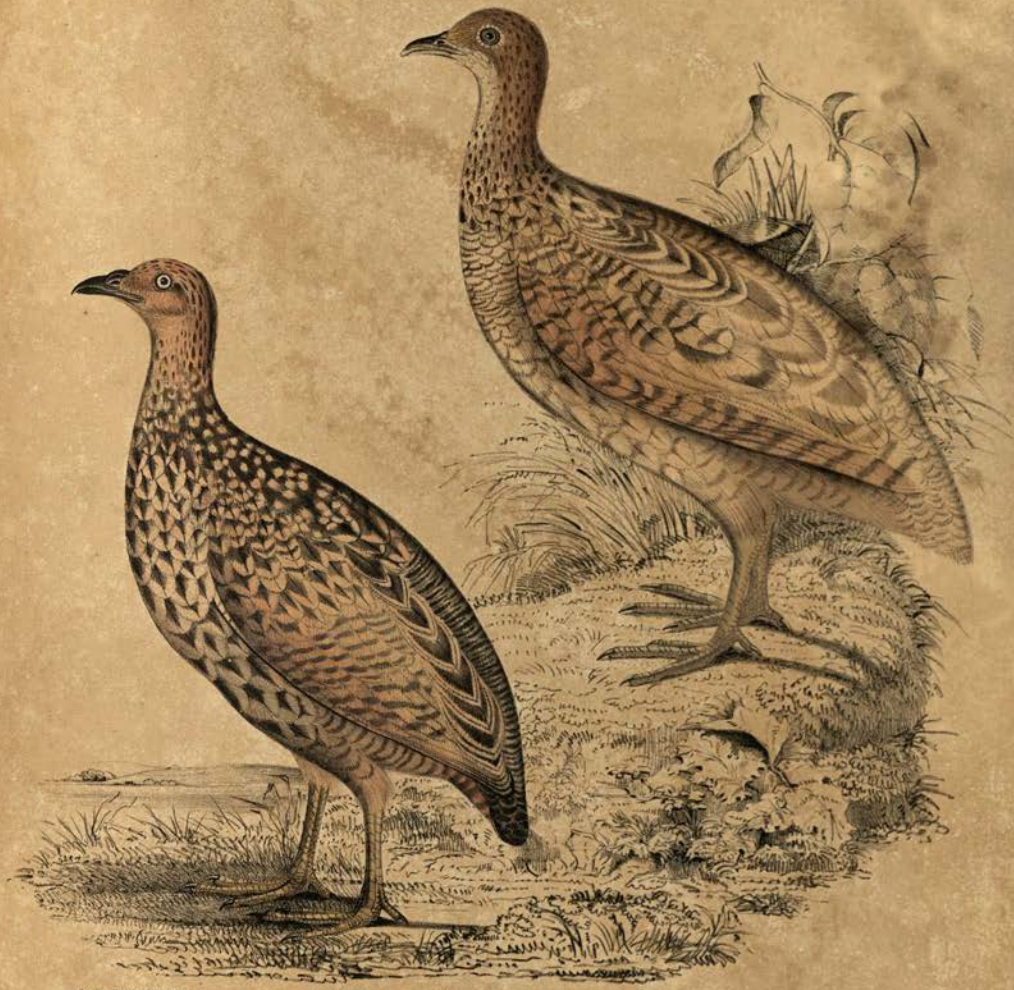
BLACK-BREASTED PHEASANT male PHASIANUS MELANONOTUS

Drawn & Lith.d by Waterhouse Hawkins

Printed by Engelmann & Co.

LINEATED PEACOCK PHEASANT. POLYPLECTRON LINEATUM Gray

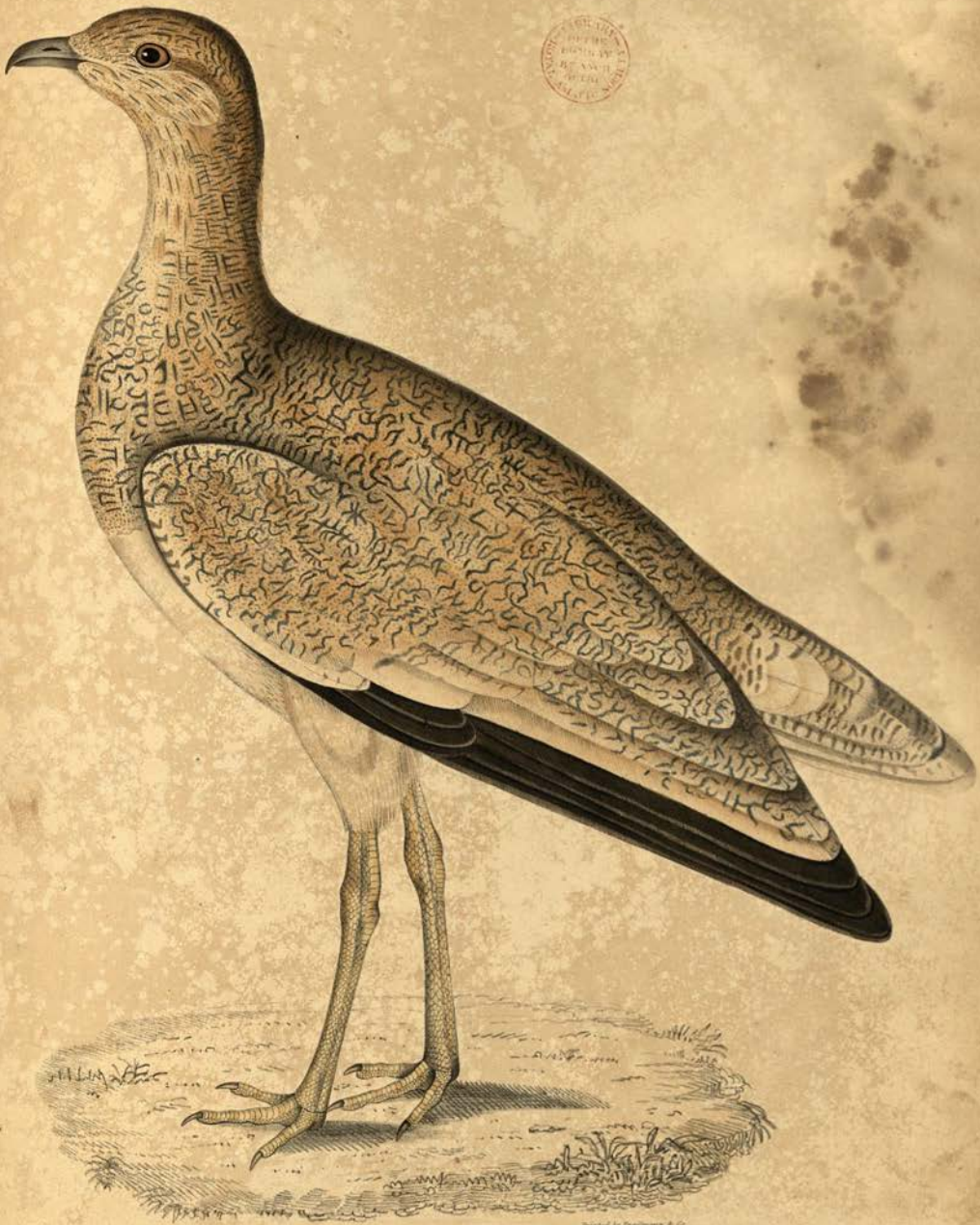
China ¾ nat. Size.



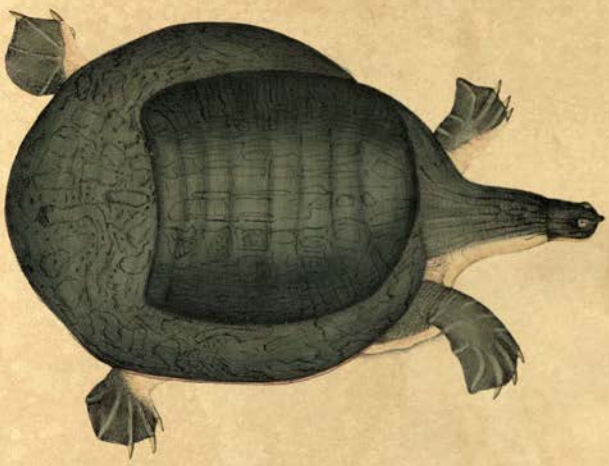
On Stone by Waterhouse Hawkins

Printed by Lightmann & Co.

1. HEPBURNS FRANCOLIN PERDIX HEPBURNII 2. PERDIX HEPBURNII var PALLIDA OBYPORE.



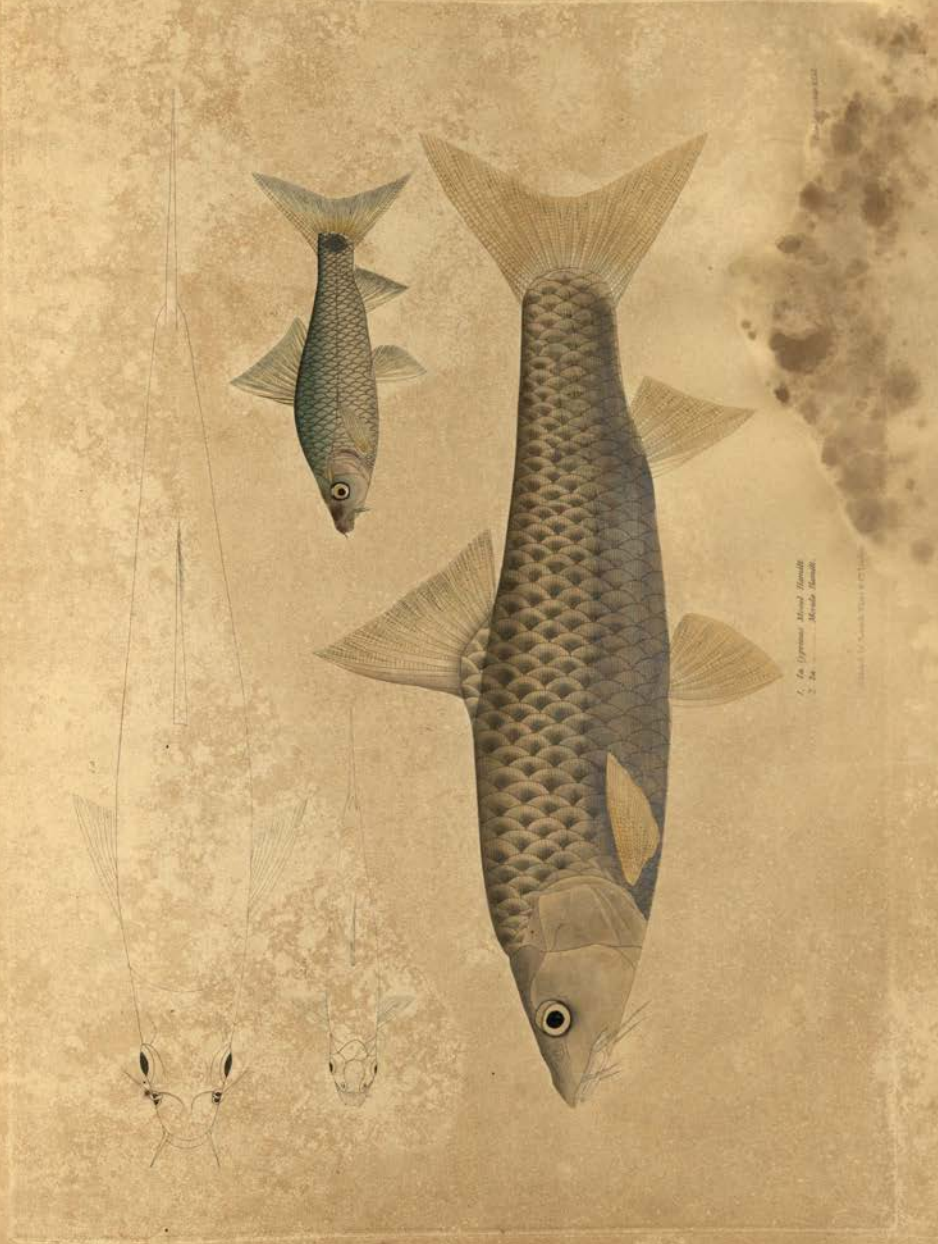
MARBLED BUSTARD OTIS MARMORATA.



TRIONYX ÆGYPTIACUS, Var Indica. n EGYPTIAN TRIONYX. Indian Var
Ganges, called Sewteree, sometimes grows to 240 lbs.

Published 1/19 by Parbury Allen & Co Leadenhall Street.
Printed by W Day 17 Gate Stt

33433



WHITE DOTTED EAGLE. AQUILLA PUNCTATA.

Cawnpore ⅔ Nat. length

WHITE BANDED EAGLE.
AQUILLA BIFASCIATA
2/3 Nat-length Cawnpore March 1802

...n Wm Lith by W Hawkins

Printed by Engelmann & Co

BLACK HEADED HORNED PHEASANT. SATYRA MELANOCEPHALA.
Adult male.

CHINESE HORNED PHEASANT. SATYRA TEMMINCKII ♀

½ Nat. length

CHINESE HORNED PHEASANT, SATYRA TEMMINCKII ♀

¾ Nat. length

EDWARD'S BUSTARD. OTIS EDWARDSII.

½ Nat. length

MALABAR COCK. Lath. Hist.
GALLUS GIGANTEA. Temm. A nat. Size.

SMALL PARADISE BIRD. PARADISEA MINOR

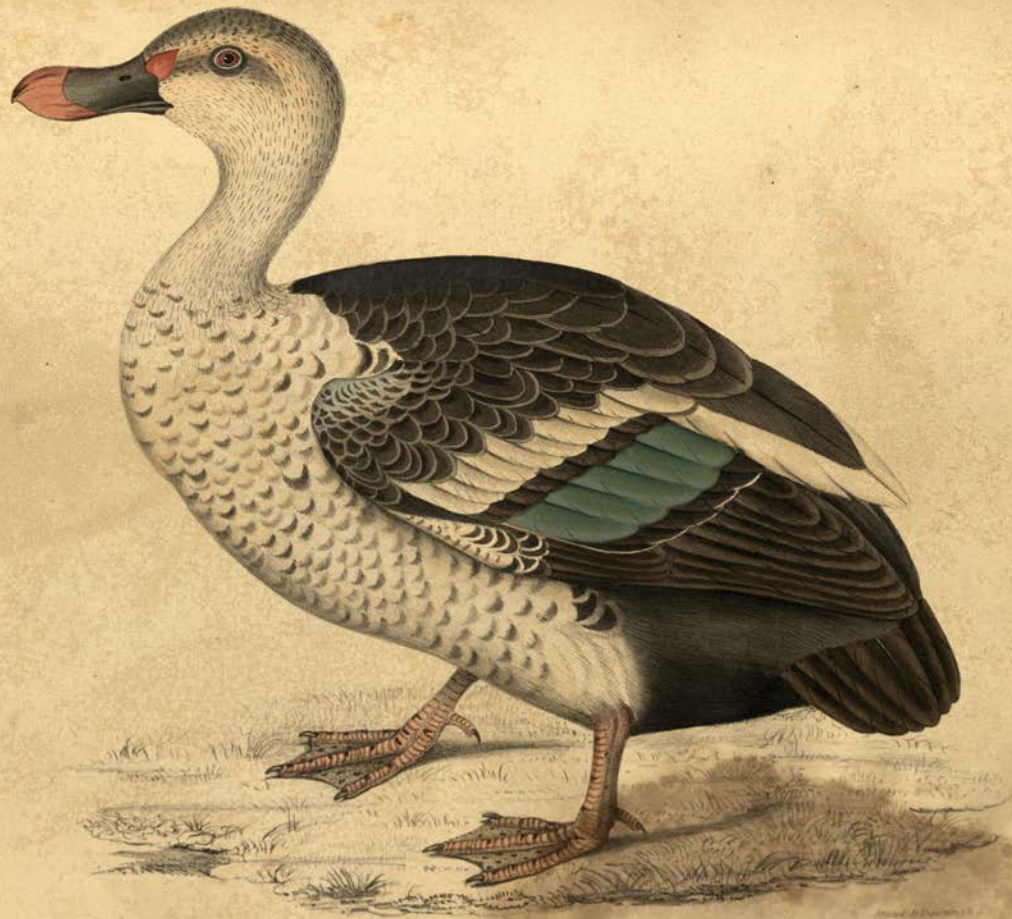
BLACK HEADED PHEASANT female PHASIANUS? MELANOCEPHALUS.?

JAVAN HEN. Javi GALLUS FURCATUS. Temm.

STANLEY HEN. GALLUS STANLEYI

GALLUS BANKIVA. Temm. Stanley

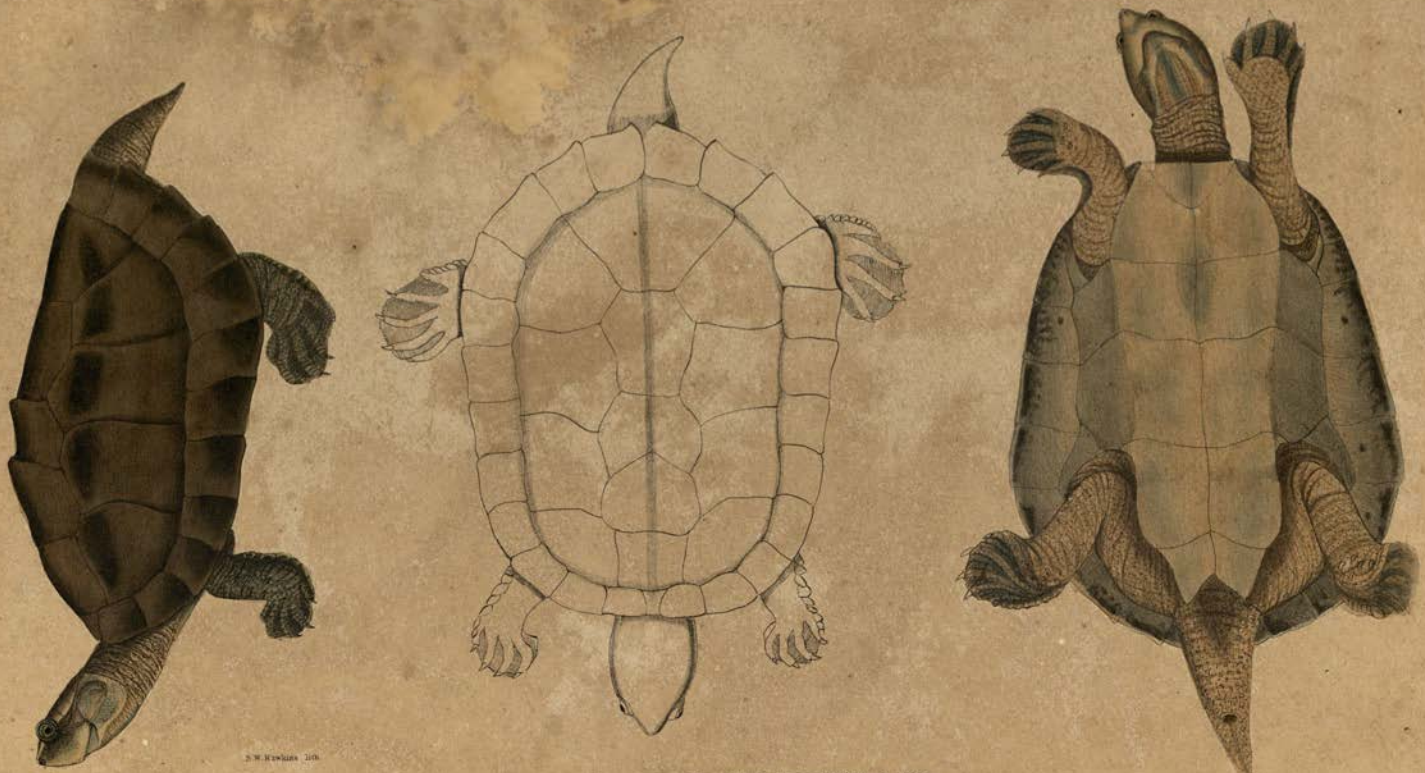
INDIAN WHITE HERON. ARDEA ORIENTALIS.



SPOTTED BILLED DUCK Lath Male ANAS POECILORHYNCHA Lath.

CRABO JAVANNICA (Horsf) JAVAN CORMORANT.

1. Cyprinus Tilon Hamm 274
2. ——— Richardsonii Gray.
3. Bucco gratulus Gray. Atmosph. Hist. mus.



S.W. Fowkes lith.

DHONGOKA TERRAPIN. EMYS DHONGOKA. n. India.
From Dr Buchanan Hamiltons Drawings
India

Published by Treuttel Wurtz & Co 30 Soho Square
Printed by W Day

NIGELL'S PHEASANT-GROUSE. TETRAOGALLUS NIGELLII Gray

Adult — Hamayloya Mountains — British Museum

1/3 Nat. Size

CYPRINUS (BANGANA) FALCATA. FALCATED ROCK CARP.

TAWNEY EAGLE.

AQUILLA FULVESCENS Gray.

CHINESE BAMBOO RAT, RHIZOMYS SINENSIS.

Fig 1 to 3 the Natural Size 4 Magnified

CROSSES PARADOXURUS. PARADOXURUS CROSSII.

½ Nat length India.

PALLAS'S PARADOXURUS. PARADOXURUS PALLASII Gray.

India.

From the Life in the Zoological Society's Gardens, presented by Buchanan Esq.

Tail partly deficient.

PARADOXURUS PREHENSILIS.

From Dr Buchanan Hamiltons Drawing of his VIVERRA PREHENSILIS in the Library of the India House.

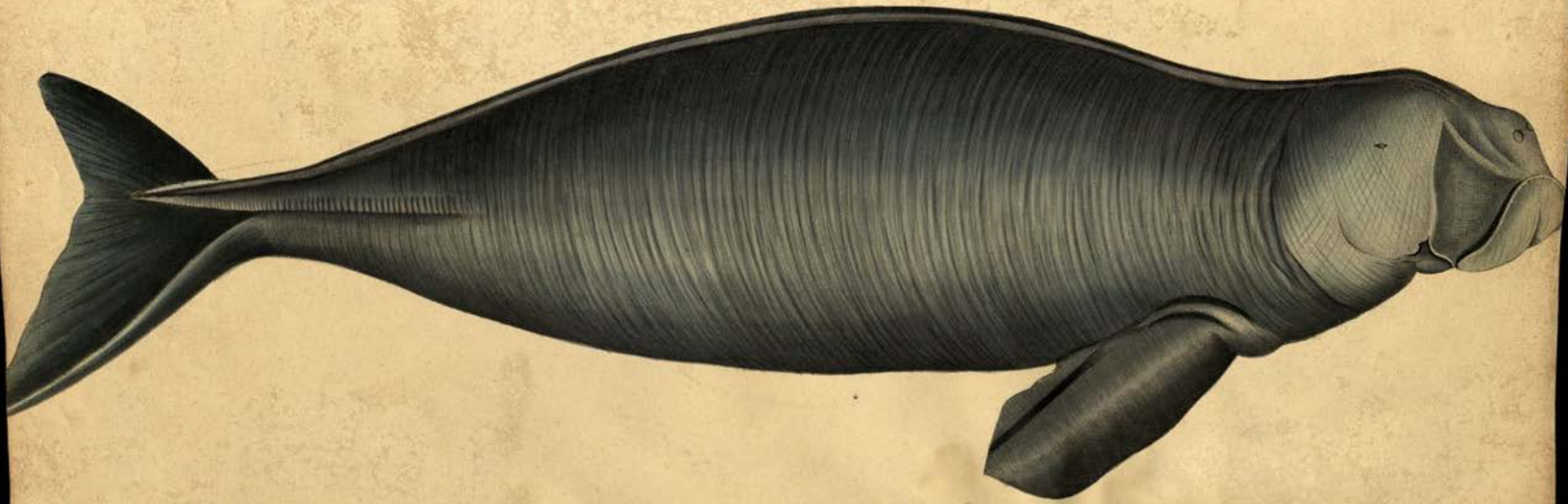
PALE GENET . VIVERRA PALLIDA

¼ Nat length China

SCIURUS MACROURUS Gmelin LARGE TAILED SQUIRREL.

CHINESE HARE. LEPUS SINENSIS. Gray.

China. J.R.Reeve. British Museum.



INDIAN DUGONG. HALICORE DUGUNG F. Cuv.

THE SHIELDED LEGED HORNED OWL. STRIX HARDWICKII.

Nat. Size Pittsburgh

THE SHIELDED LEGGED HORNED OWL. STRIX HARDWICKII.

Nat Hist Plectoptor

R.W.Hawkins lith.

1. SLENDER-BILLED CUCKOO.__ CUCULUS TENUIROSTRIS. nob.

2. BROW CUCKOO. Lath H.__ CUCULUS LATHAMI. nob.

London. Pub.d by Truebell Wurtz & C.o John Square.

MAGOREENA BUSTARD, OTIS MACQUEENII. Gray.

Hamalaya Mountains. — British Museum.

Sat. Mus.

TRIONYX PUNCTATA JUNIOR. YOUNG VALVULAR TRIONYX.

CANIS PROCYONOIDES (Gray) RACCON FACED D.

Chas. J. R. Reeves Esq.r F.R.S.

CANIS (VULPES) RUFESCENS or DOG FOX FEMALE

INDIAN ZIBETH. VIVERRA ZIBETTA Linn.

Viverra Undulata Gray

Drawn in Stone by Rutchenson Gardens from the Group Specimen in the Zoolog. Zoological Gardens.

INDIAN ZIBETH. VIVERRA ZIBETTA Linn.

Viverra Undulata Gray.

Drawn on Stone by Waterhouse Hawkins from the living Specimen in the Surry Zoological Gardens.

HYSTRIX FASICULATA. Lin. TUFTED TAILED PORCUPINE.
India.

Published 1828 by Parbury Allen & Co. Leadenhall Street.
W. H. Hawkins lith.

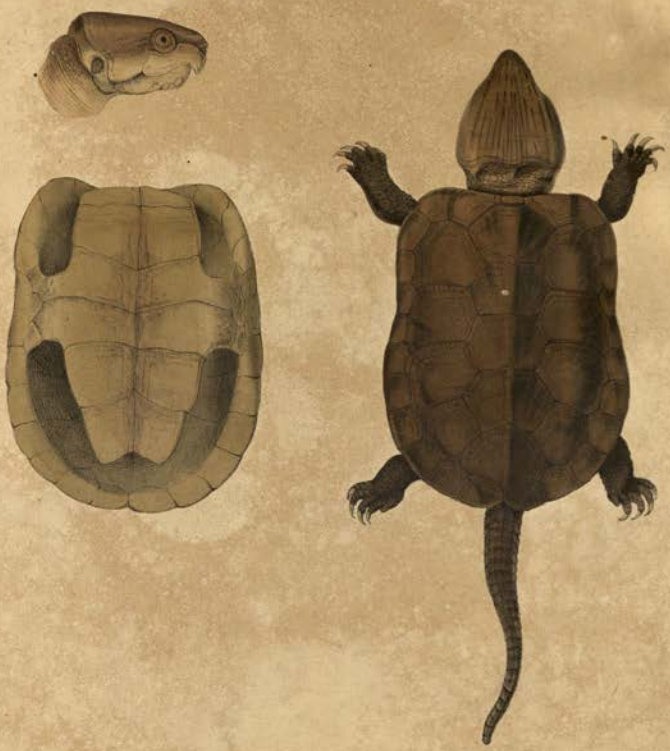
SHORT TAILED MANIS, Pinn. MANIS BRACHYURA. Erxleb.
Ramghur Hill, Deah. India. 1779

Published 1828 by Parbury Allen & Co. Leadenhall Street London.
Printed by W. Dee St. Clare Lith.

JUGGER FALCON. FALCO JUGGER.
1 Male. 2 Female. *Nat Size.*

1. RUFOUS TAILED CRESTED PHEASANT. EUPLOCAMUS ERYTHROTHALMUS.
2. HEAD OF THE SILVER CRESTED PHEASANT. EUPLOCOMUS NYCTHEMERUS.

1. LERWA PARTRIDGE . PERDIX LERWA . Hodgson.
2. RED BILLED QUAIL . COTURNIX ERYTHRORHYNCHA . Sykes.



CHINESE LARGEHEADED TERRAPIN. PLATISTERNON MEGACEPHALUS.

China. J.R.Reeves Esqr. F.R.S.

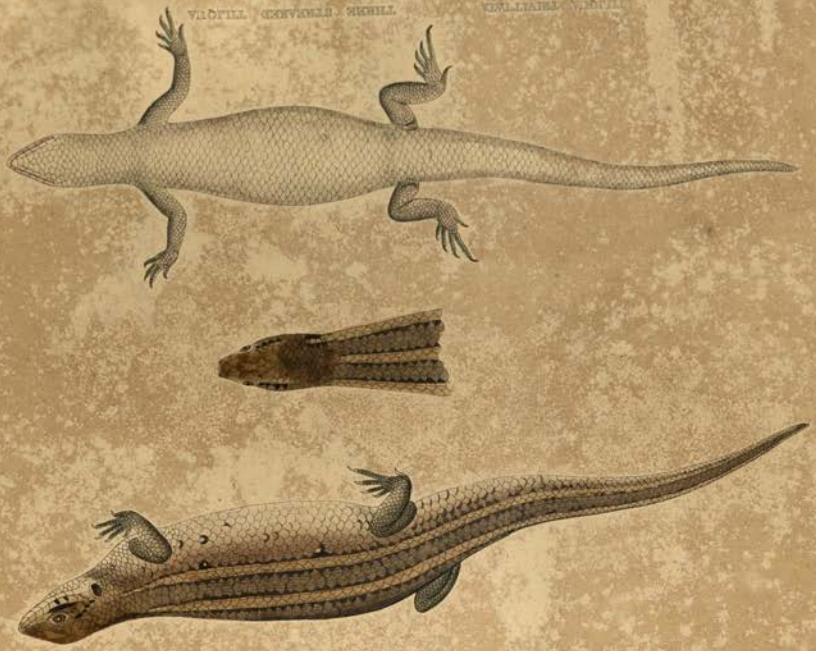
on Stone by Waterhouse Hawkins

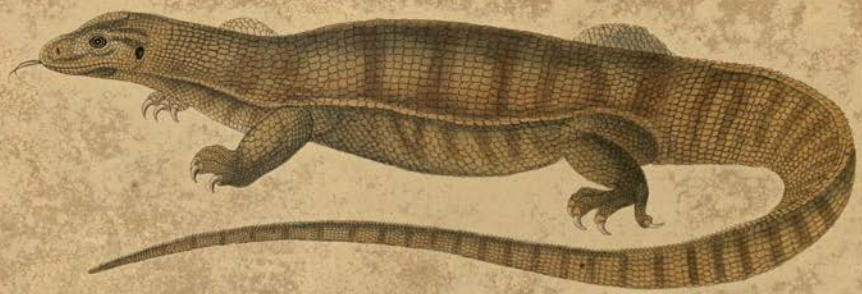
Printed by Dupf & Sons

THREE BANDED BOX TERRAPIN,

CISTUDA TRIFASCIATA.

DRACO QUINQUE FASCIATA FIVE BANDED DRAGON LIZARD



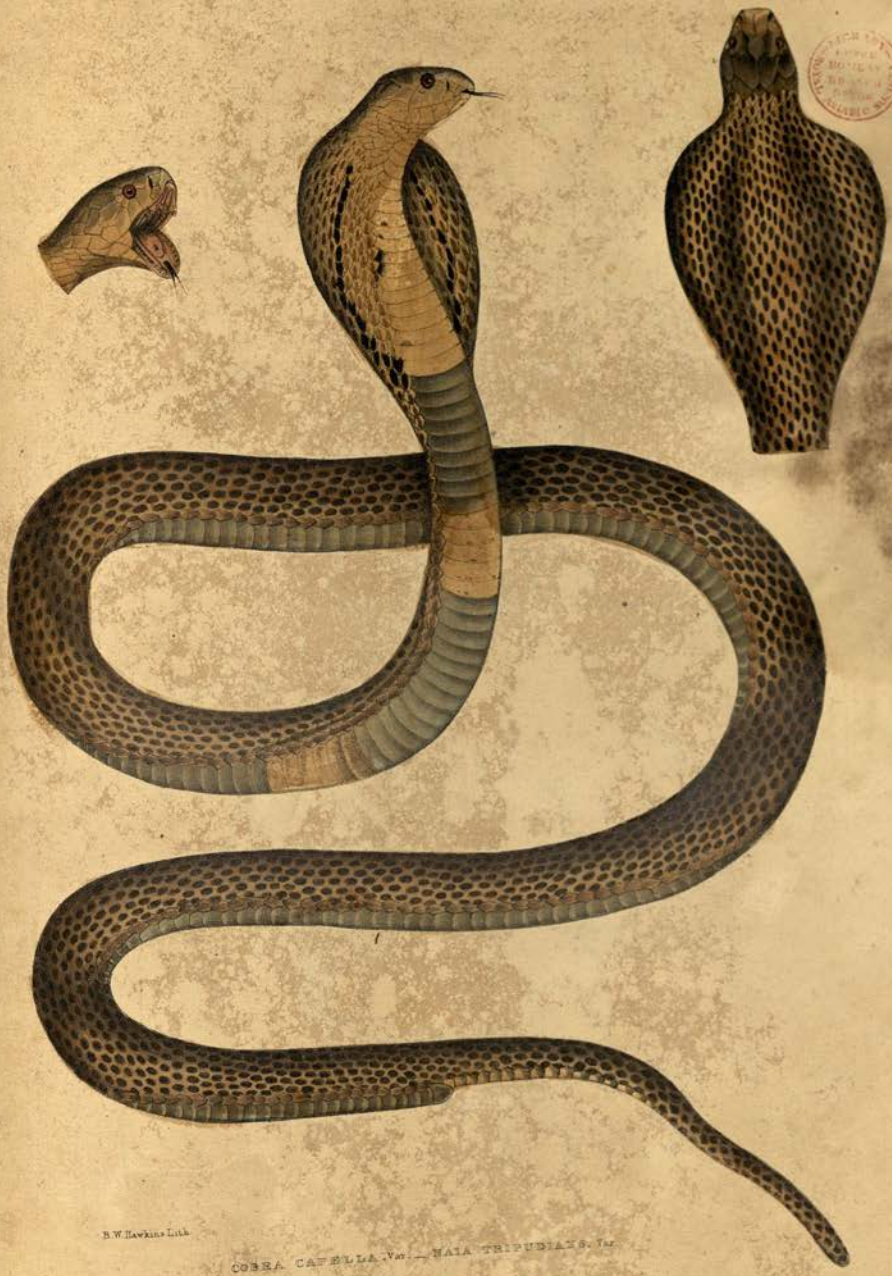


MONITOR FLAVESCENS YELLOW MONITOR

Published [illegible] by Harbury, Allen, & Co. Leadenhall Street, London.

AGAMA TUBERCULATA TUBERCLED AGAMA

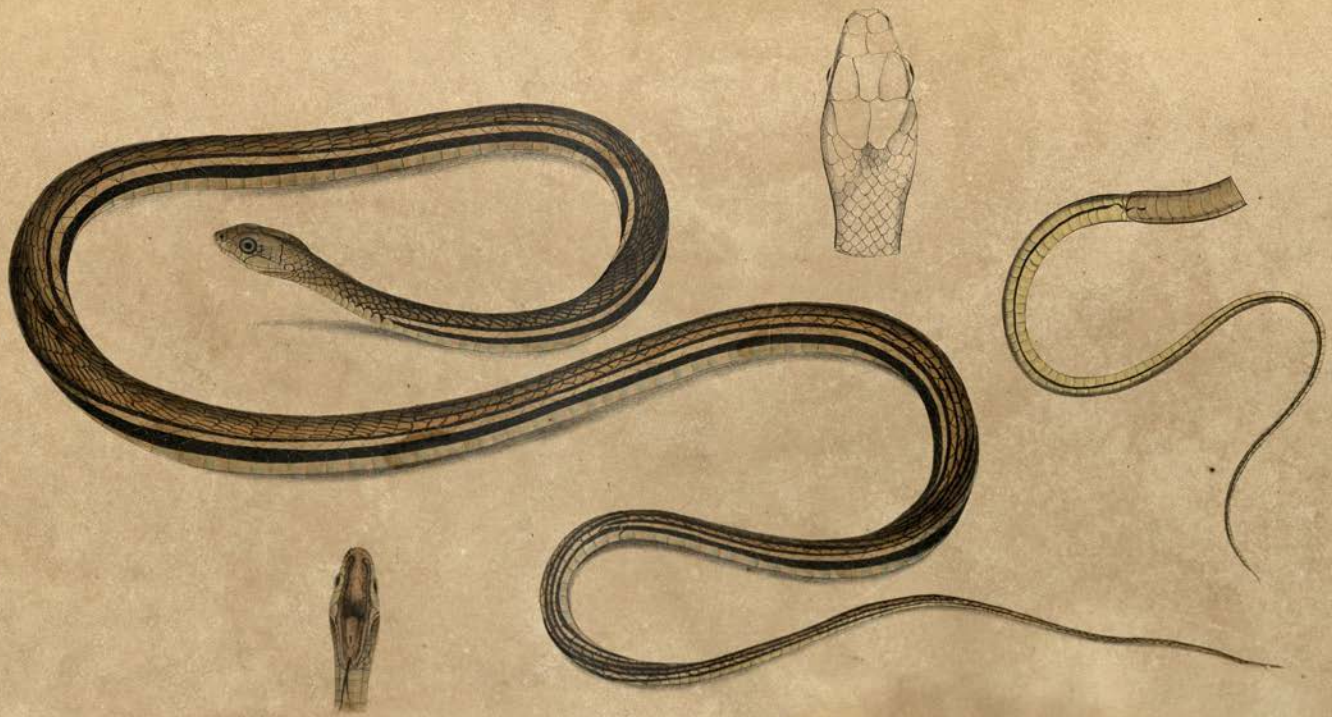
Published May 1, 1838 by Parbury, Allen & Co. Leadenhall Street, London.



B.W. Hawkins Lith.

COBRA CAPELLA. Var. — NAIA TRIPUDIANS. Var.

Published by Treuttel & Wurtz. Soho Square
[illegible]



G W Rowkins lith.

W Day Lith. to the King, 17, Gate St.

LINED TAILED TREE SNAKE.—AHÆTULA CAUDOLINEATA. Nob.

Pub.d by Treuttel & Wurtz Soho Square

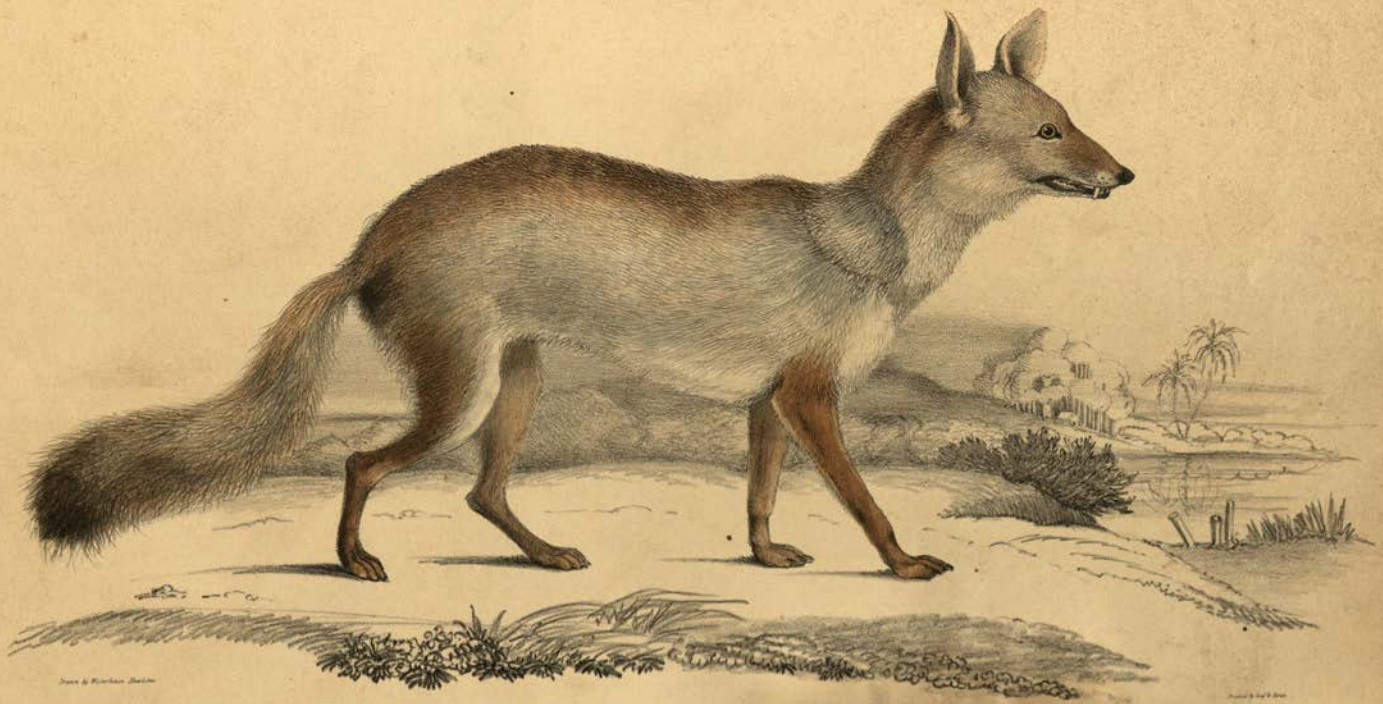
B.W.Hawkins lith.

1. SPOTTED BELLIED SNAKE. — COLUBER VENTRONACULATIS nob.
2. BELLA TREE SNAKE. — ARBITULA BELLII. Nob.

Pub.d by Trenttel & Wurtz, Soho Square

INDIAN RHINOBATUS. — RHINOBATUS ARMATUS. Nob.

Pub.d by Treuttel & Wurtz Soho Square.



CANIS (Vulpes) BENGALENSIS CANIS KOKREE Sykes. BENGAL FOX.

PTEROMYS ALBIVENTER (Gray.) WHITE BELLIED FLYING SQUIRREL.

PLATANISTA GANGETICA. GANGETIC PLATANISTA.

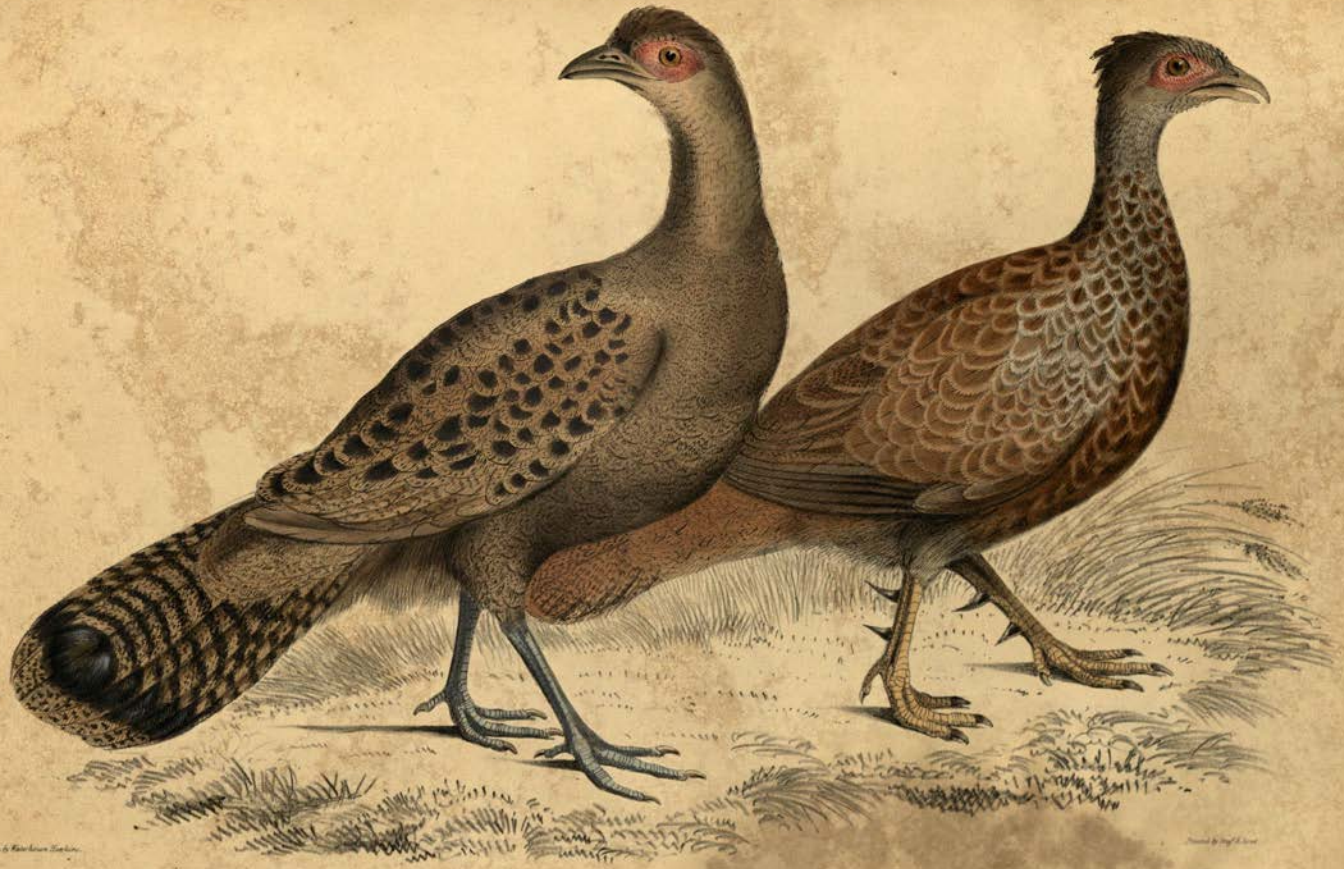
AQUILLA FUSCA. BROWN EAGLE.

BUTEO TERSA. TERSA BUZZARD.

1. Young 2. Old Bird.

FALCO CHERRUG. CHERRUG FALCON.

FIRE BACKED CRESTED PHEASANT HEN EUPLOCAMUS IGNITUS ♀



Drawn by Waterhouse Hawkins.

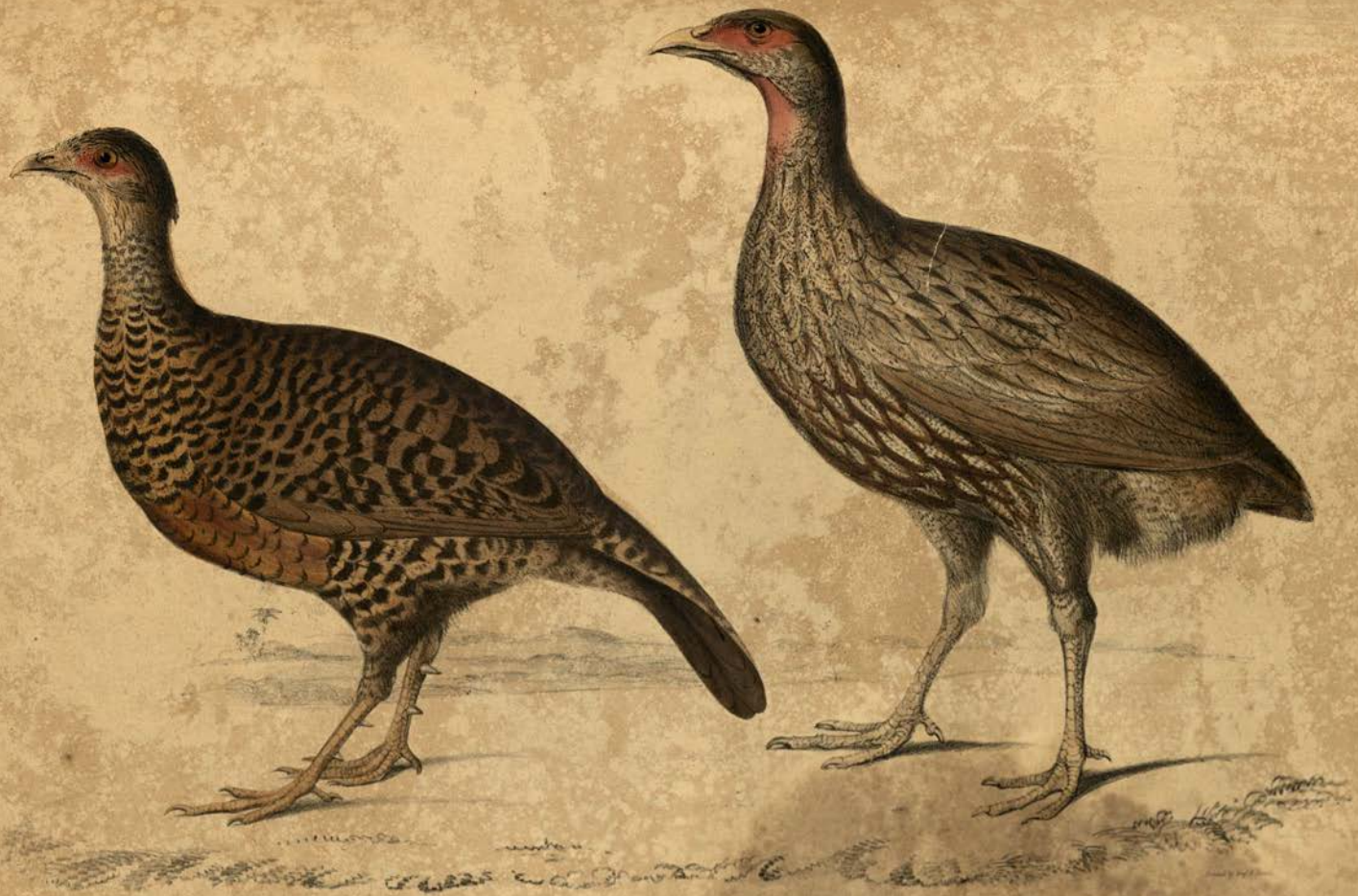
Printed by Ingf & Sons

HARDWICKES POLYPLECTRON HEN. POLYPLECTRON HARDWICKII ♀ Gray.

China. Brit. Mus.

BAY FRANCOLIN. FRANCOLINUS SPADICEUS Temm.

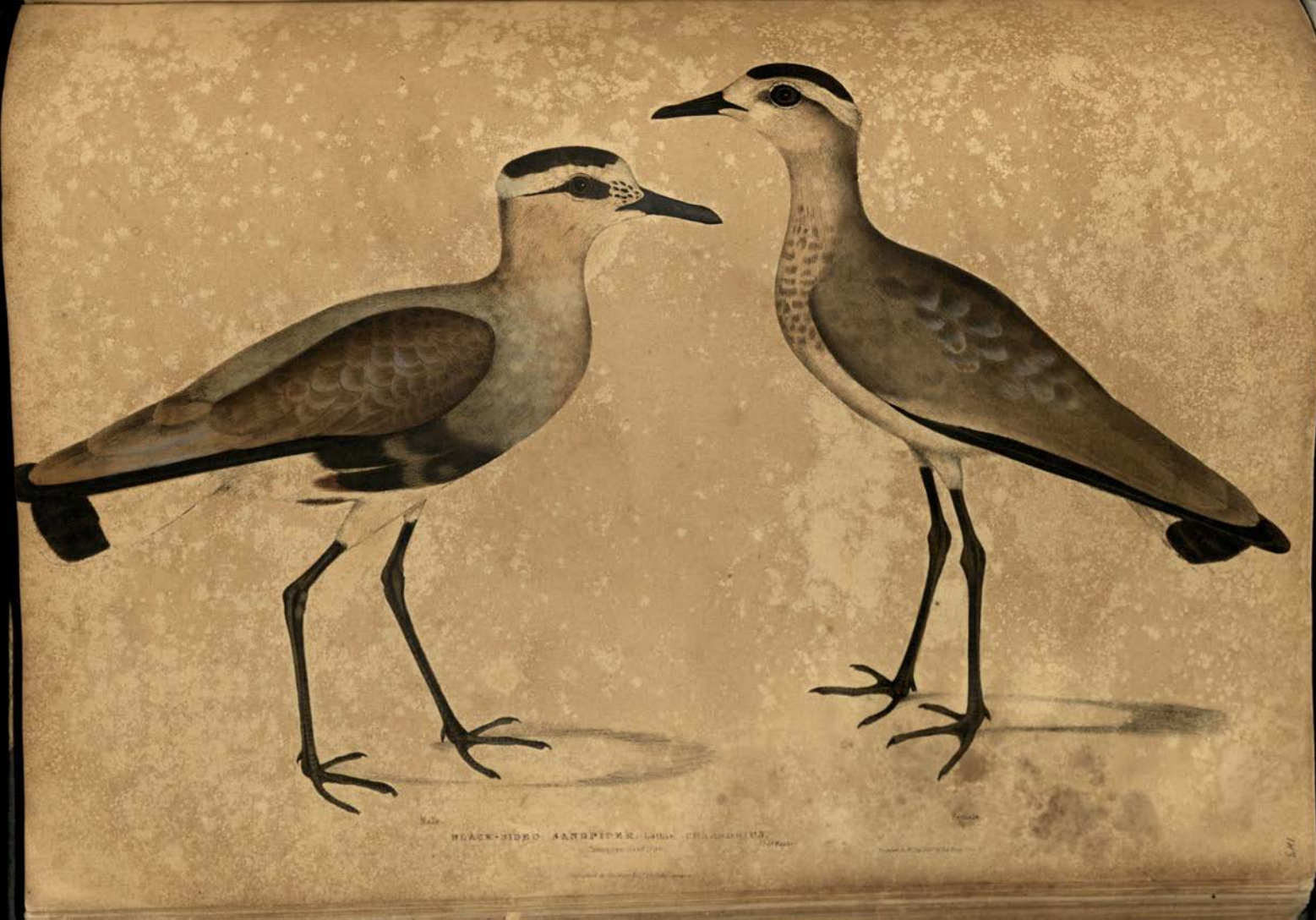
Kakee tree of the Mahrattas. Brit. Mus.



POLYPLECTRON NORTHI V. Gray LADY NORTHS POLYPLECTRON. PERDIX PUNCTULATA, DOTTED PARTRIDGE.

1 XEROULA SHRIKE (Male) XEROULA INDICA ♂
2 XEROULA SHRIKE (Female) XEROULA INDICA ♀
3 GREAT INDIAN SHRIKE. LANIUS SUBRA.

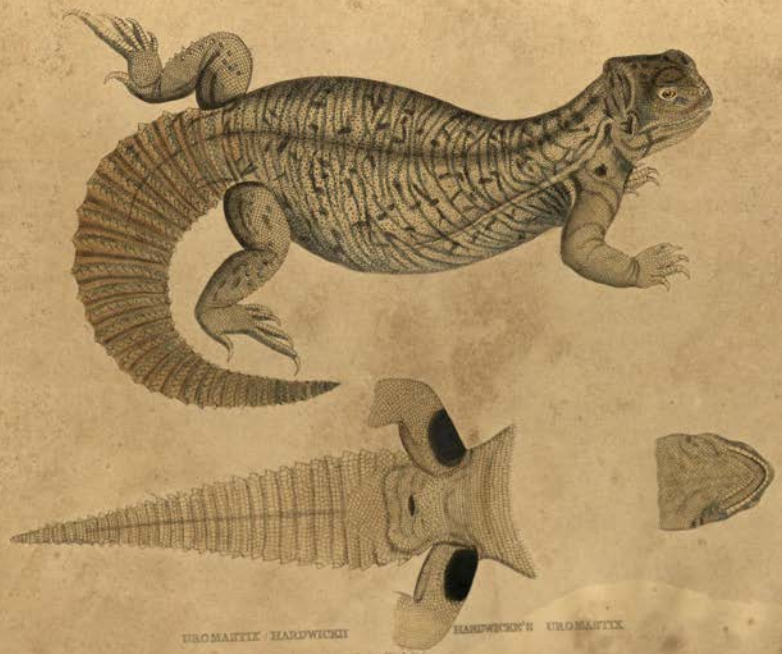
MARONE BACKED HERON. ARDEA GRAYII. Sykes.



BLACK-SIDED SANDPIPER. Lathr. CHARADRIUS.

THE HEADED SNIPE, Lith. Pl. TOTANUS FUSCUS.

SCOLOPAX HORSFEILDII, Gray HORSFEILD'S SNIPE. INDIAN SAND PIPER (Leith)



UROMASTIX HARDWICKII HARDWICKE'S UROMASTIX

from Hindustan

Published May 1.1829 by Baldwin, Cradock & Co. Lockwood Street London

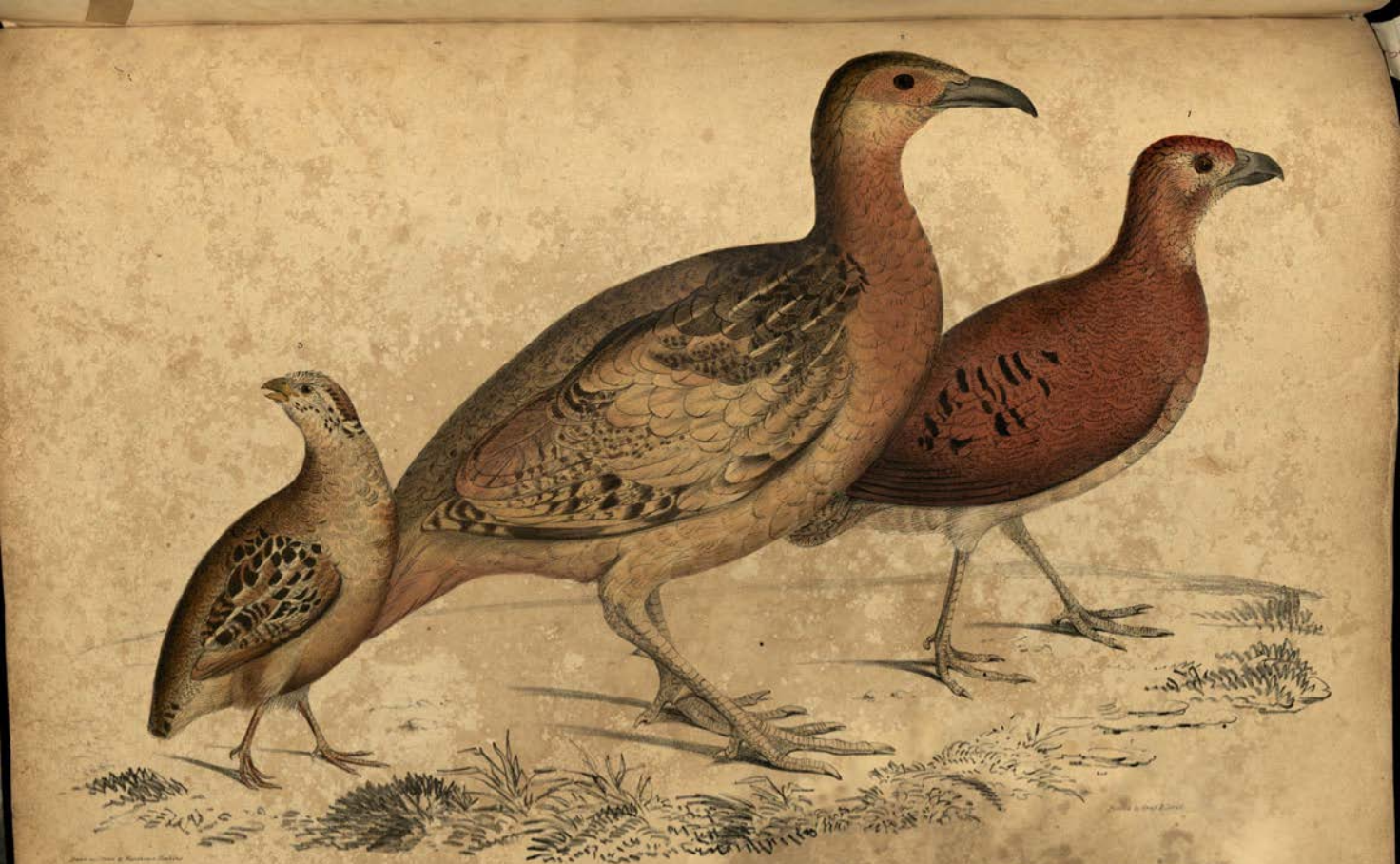
UROMASTIX BELLIANA BELL'S UROMASTIX

Hugo Bussig

BRITISH MUSEUM NATURAL HISTORY BRANCH OFFICE

TILIQUA RUBRIVENTRIS. RED BELLIED TILIQUA.
TILIQUA PULCHRA. BEAUTIFUL TILIQUA.

HYSTRIX CRISTATA, Var. INDICA. or INDIAN CRESTED PORCUPINE.



2. FRANCOLINUS LONGIROSTRIS Temm.
LONG BILLED FRANCOLIN
Sumatra

COLUMBA GOULDIÆ, CHINESE TIPPETED PIGEON.

LANIUS LAHTORA. LAHTORA BUTCHER BIRD.

CARBO PYGMENS. Temm. PIGMY CORMORANT.

1. TOTANUS INDICUS. N.S. INDIAN SANDPIPER. 140.
2. LIMOSA HARDWICKII. HARDWICKE'S SNIPE.

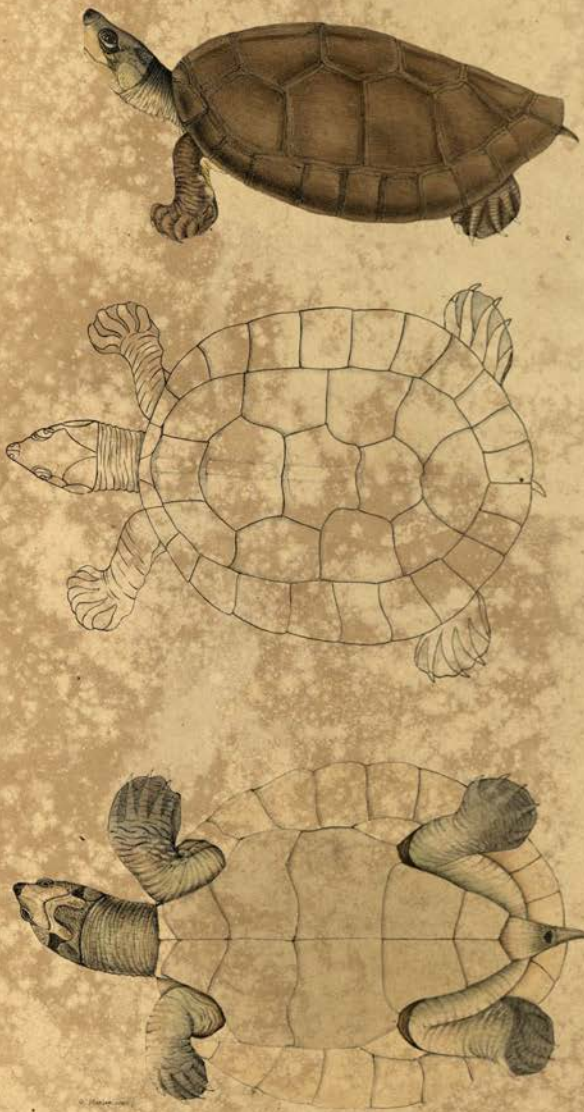
CYRTODACTYLUS PUCHELLUS BEAUTIFUL CYRTODACTYLUS

Penang

Published Mar 1st 1828 by Bishop Mon. & 1st Leadenhall Street, London.

TOOTHED TERRAPIN, EMYS DENTATA, n. Pallas Sour

Published by Bulmer & Son 1817 Sandbrook Hill Cord London
Printed by T. Bay



BATAGUR TERRAPIN & EMYS BATAGUR

From Dr Buchanan Hamiltons Drawings

Published by Treuttel Würtz & Richter Soho Square
Printed by Kay

TRIONYX GRANOSUS. n.
Hutchgour called Bup Gooma.

Published by Parbury Allen & Co Leadenhall St London.

Oct Nat 1814

B.W. Hawkins lith.

W. Day Lith^r to the King's Illustr. S^t

BLACK COBRA CAPELLO. NAIA TRIPUDIANS. var. NIGRA. Nob.

Pub^d by Treuttel & Wurtz Soho Square

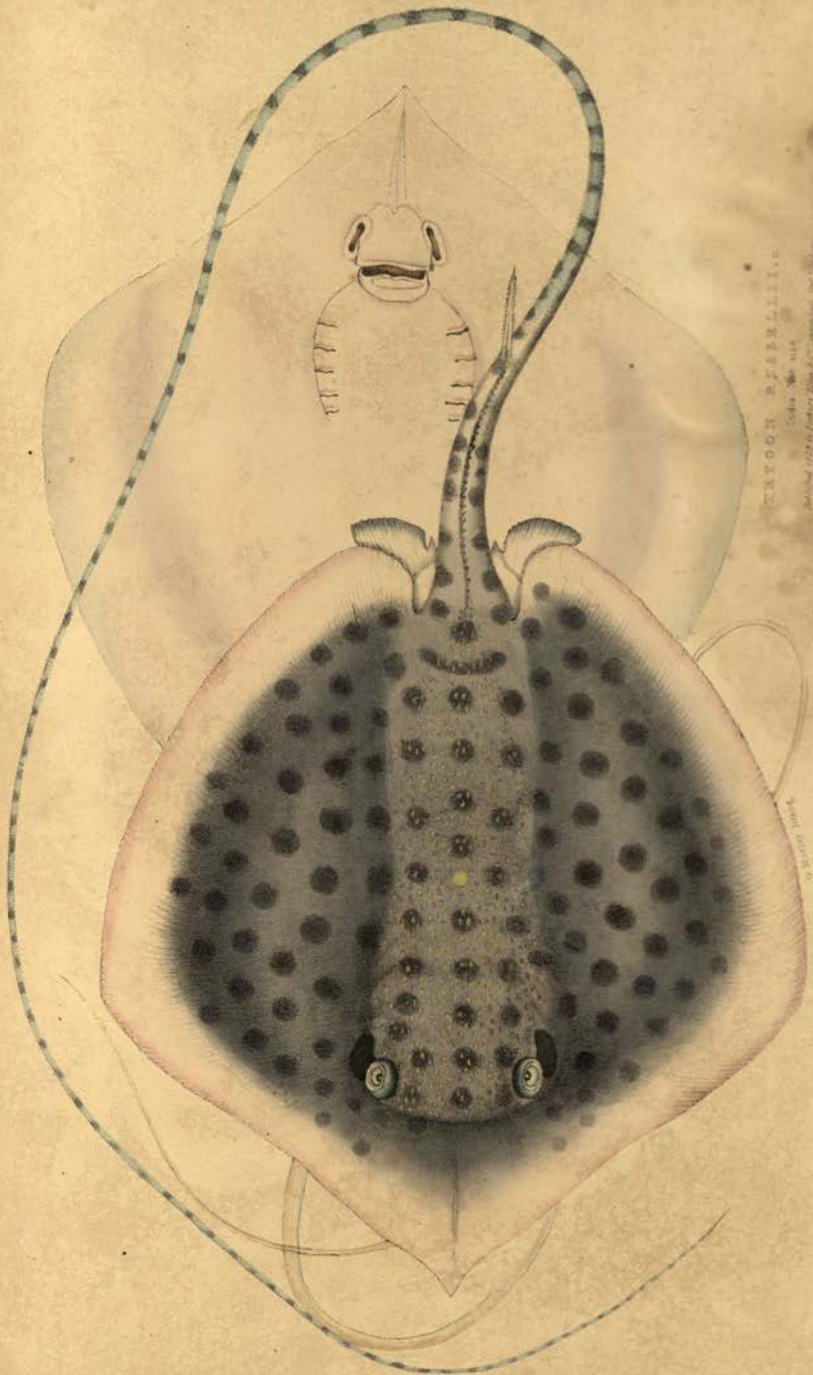
W. B. Hawkins Lith.

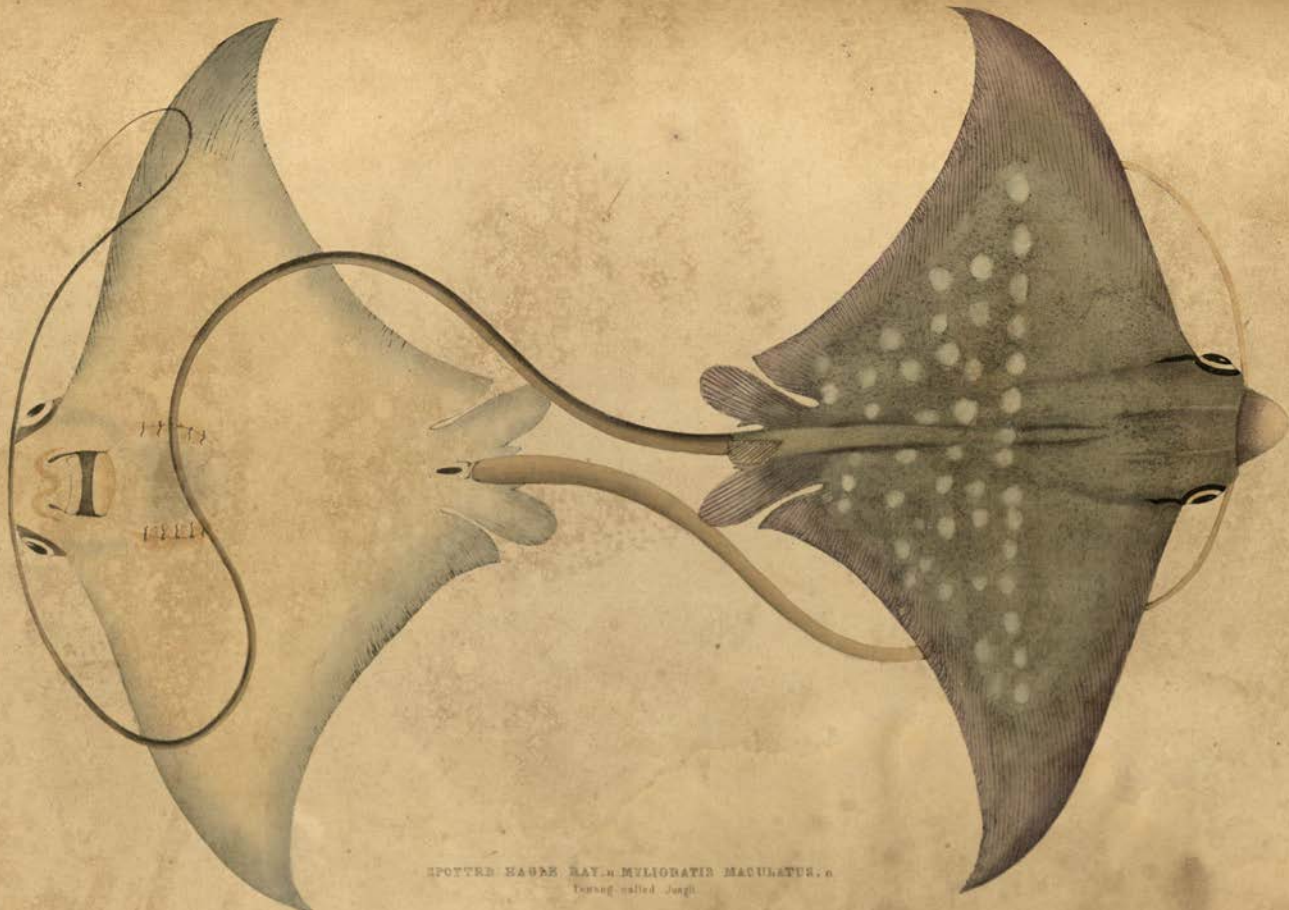
CORRA CAPELLA, Variety — NAIA TRIPUDIANS, Var. FASCIATA, Nob.

Published by Treuttel & Wurtz Soho Square.

W. Day Sculp. to the King's Stone Street.

1 3 Coluber Bengalensis N.S.
4 7 —— Rectangulus N.S.

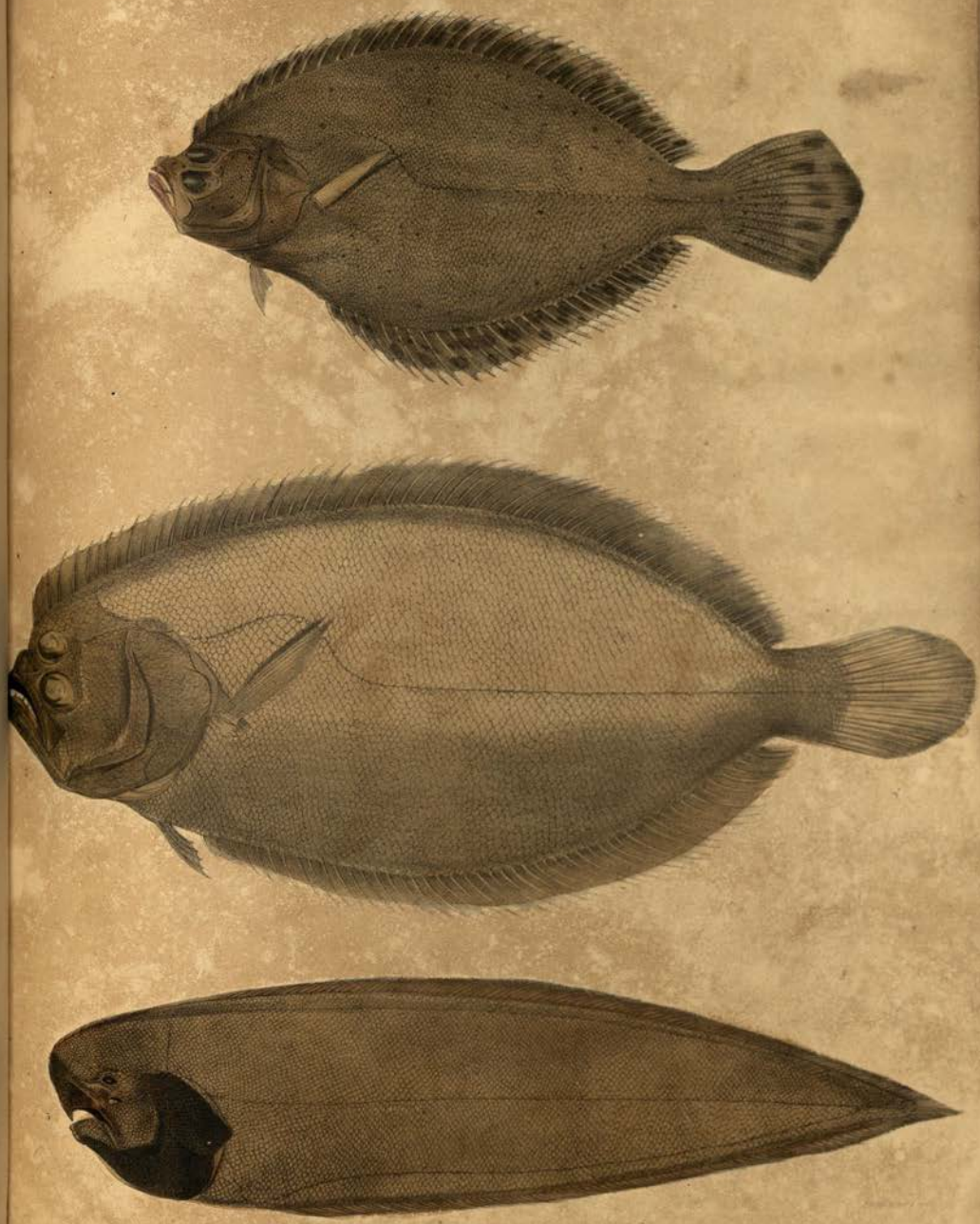




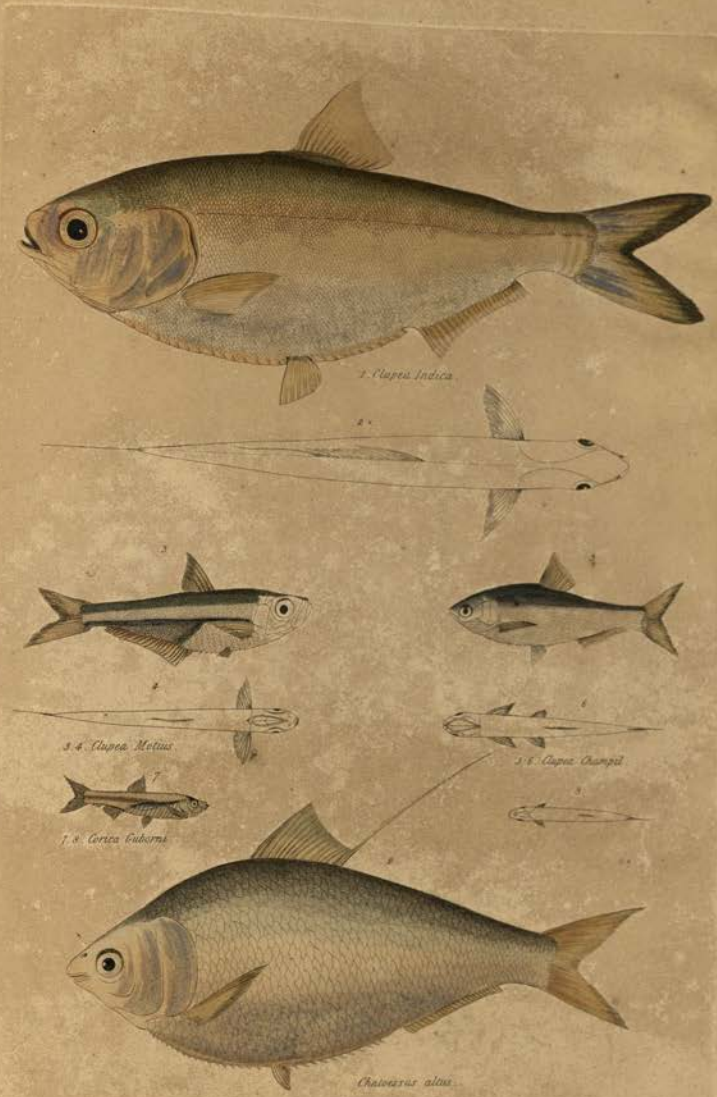
SPOTTED EAGLE RAY. n MYLIOBATIS MACULATUS. n

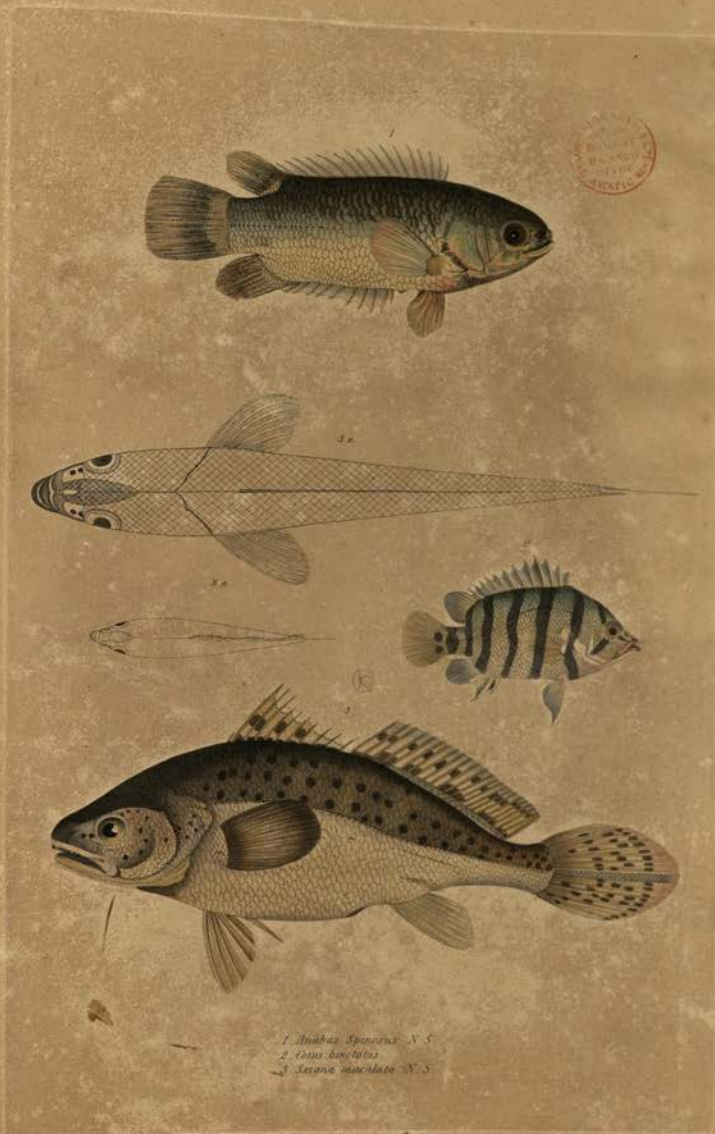
Tenang called Jungli

Published by Delbury Hatt & Co Leadenhall Street.
Printed by W. Clay

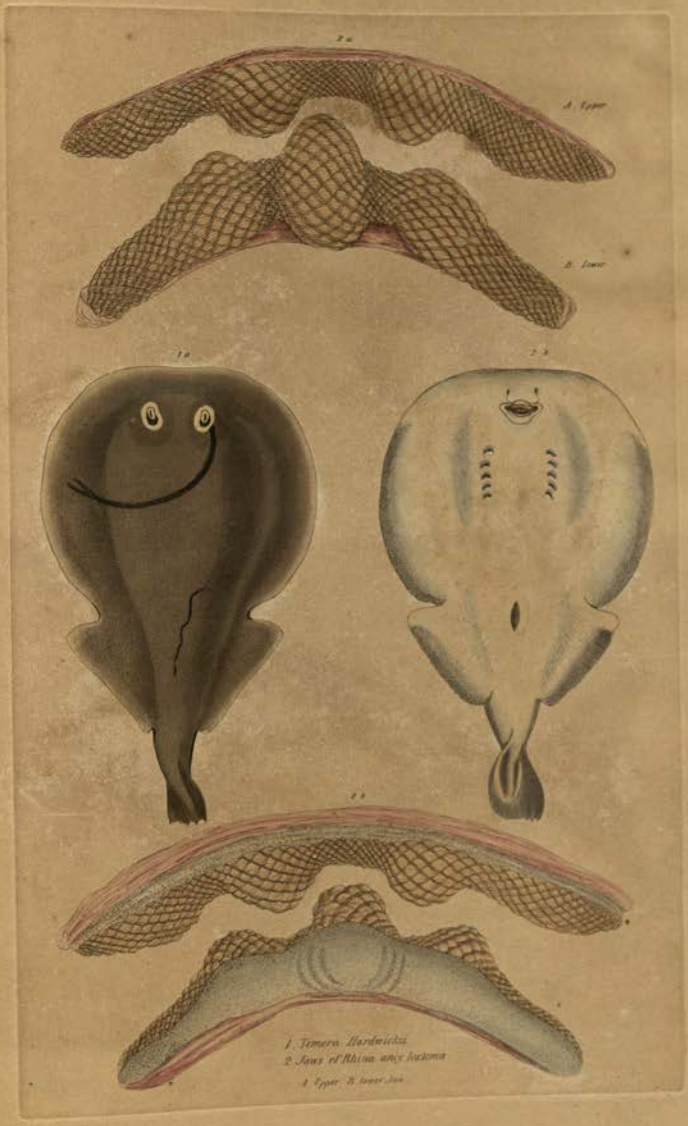


1. PLATESSA CHINENSIS. (China.) J.R. Reeves Esq.
2. PLATESSA [illegible].
3. PLAGUSIA ABBREVIATA. (China.) J.R. Reeves Esq.


1. Clupea Indica.
3. 4. Clupea Motius
5. 6. Clupea Champil
7. 8. Corica Cuborna
Chatoessus altus.



1. Anabas Spinosus N. S.
2. Corus bivolatus
3. Sciana maculata N. S.


A. Upper
B. Lower
1. Tomeroa Hardwickii
2. Jaws of Rhina ancylostoma
A. Upper B. lower Jaw

1. Tor Hamiltonii.
2. Chela Alpax.
3. Bengala Elanga.

DIRECTIONS FOR ARRANGING THE PLATES,

OF THE

NUMBERS XI. to XX.

MAMMALIA.

1. Racoon-faced Dog. *Canis procyonoides.*
2. Bengal Fox. *Canis Bengalensis*, Shaw.
3. Doab Fox. *Canis rufescens.*
4. Viverrine Cat. *Felis Viverrinus*, Bennet.
5. Indian Zibeth. *Viverra Zibetta*, Linn.
6. Pale Genet. *Viverra pallida.*
7. Cross's Paradoxurus. *Paradoxurus Crossii.*
8. Pallas's Paradoxurus. *Paradoxurus Pallasii.*
9. Prehensile Paradoxurus. *Paradoxurus prehensilis.*
10. Dr. Hamilton's Paradoxurus. *Paradoxurus Hamiltonii.*
11. Masked Paradoxurus. *Paradoxurus* (Viverra) *Larvatus.*
12. Bondar Paradoxurus. *Paradoxurus Bondar.*
13. Pennant's Paradoxurus. *Paradoxurus Pennantii.*
14. Indian Crested Porcupine. *Histrix cristata, var. Indica.*
15. Tufted-tailed Porcupine. *Histrix fasciculata.*
16. Chinese Bamboo Rat. *Rhizomys Sinensis.*
17. Brilliant Flying Squirrel. *Pteromys nitidus.*
18. White bellied Flying Squirrel. *Pteromys albiventer.*
19. Large tailed Squirrel. *Sciurus macrourus.*
20. Chinese Hare. *Lepus Sinensis.*
21. Bengal Field Rat. *Arvicola Bengalensis.*
22. Short tailed Manis. *Manis brachyura.*
23. Indian Dugong. *Halicora Dugung.*
24. Gangetic Platanista. *Platanista Gangetica.*

BIRDS.

Raptorial.

25. Cherrug Falcon. *Falco cherrug.*
26. Jugger Falcon. *Falco Jugger.*
27. Brown Eagle. *Aquilla fusca.*
28. Golden Eagle. *Aquilla imperialis.*
29. Tawny Eagle. *Aquilla fulvescens.*
30. Teesa Buzzard. *Buteo Teesa.*
31. Shielded Legged Horned Owl. *Strix Hardwickii.*

Perching.

32. Lahtora Butcher Bird. *Lanius Lahtora.*
33. Fig. 1, 2. Keroula Shrike. *Keroula Indica*, ♀.
    Fig. 3. Great Indian Shrike. *Lanius Burra.*
34. Fig. 1. Slender billed Cuckoo. *Cuculus tenuirostris.*
    Fig. 2. Brow Cuckoo. *Cuculus Lathami.*
35. Fig. 1. Black-headed Brachypus. *Brachypus melanocephalus.*
    Fig. 2. Short Tailed Pitta. *Pitta brachyura.*
    Fig. 3. White Cheeked Brachypus. *Brachypus leucogenis.*
36. Fig. 1. Pale Eared Jay. *Garrulus albifrons.*
    Fig. 2. Large Billed Crow. *Corvus macrorhynchus.*

Gallinaceous.

37. Chinese Tippeted Pigeon. *Columba Gouldiæ.*
38. Fig. 1. Rufous Tailed Crested Pheasant. *Euplocomus erythrothalmus*, Gray.
    Fig. 2. Silver Crested Pheasant. *Euplocomus Nycthemerus*, Gray.
39. Fire Backed Crested Pheasant. *Euplocomus ignitus*, ♀.
40. Nepaul Horned Pheasant. *Satyra Nepaulensis*, ♀.
41. Fig. 1. Chinese Ring Necked Pheasant. *Phasianus torquatus.*
    Fig. 2. Golden Pheasant. *Chrysolophus pictus.*

Gallinaceous.

42. Fig. 1. Hardwicke's Polyplectron. *Polyplectron Hardwickii.*
    Fig. 2. Bay Many Spurred Francolin. *Plectophora* (*Francolinus*) *spadiceus.*
43. Fig. 1. Lady North's Polplectron. *Plectophora* (*Polyplectron*) *Northiæ.*
    Fig. 2. Dotted Partridge. *Perdix punctulata.*
44. Fig. 1. Lerwa Partridge. *Perdix Lerwa*, Hodg.
    Fig. 2. Red Billed Quail. *Coturnix erythroryncha*, Sykes.
45. Fig. 1. Ferrugineous Cryptonyx. *Cryptonyx ferrugineus*, Vigors.
    Fig. 2. Long Billed Francolin. *Francolinus longirostris*, Temm.
    Fig. 3. Pentah Quail. *Coturnix Pentah*, Sykes.
46. Nigell's Pheasant Grouse. *Tetraogallus Nigellii.*

Wading.

47. Macqueen's Bustard. *Otis Macqueenii.*
48. Marone Backed Heron. *Ardea Grayii*, Sykes.
49. Fig. 1. Pure White Heron. *Ardea modesta.*
    Fig. 2. Black Billed Heron. *Ardea nigrirostris.*
50. Black Sided Sandpiper. *Charadrius Wagleri.*
51. Fig. 1. White Tailed Sandpiper. *Totanus leucurus.*
    Fig. 2. Allied Sandpiper. *Totanus affinis.*
    Fig. 3. Cawnpore Snipe. *Totanus Lathami.*
52. Fig. 1. Indian Sandpiper. *Totanus Indicus.*
    Fig. 2. Bhegondic Snipe. *Limosa Hardwickii.*
53. Ash Head Snipe. *Totanus fuscus.*
54. Fig. 1. Horsfield's Snipe. *Scolopax Horsfieldii.*
    Fig. 2. Indian Sandpiper.
    Fig. 3.
55. Chinese Parra. *Parra Sinensis.*

Web-footed.

56. Pigmy Cormorant. *Carbo pygmæus.*

REPTILES.

57. Fig. 1. Flat Backed Terrapin. *Emys platynotha.*
    Fig. 2. Spinose Land Terrapin. *Geoemyda spinosa.*
58. Toothed Terrapin. *Emys dentata.*
59. Batagur Terrapin. *Emys Batagur.*
60. Dhongoka Terrapin. *Emys Dhongoka.*
61. Three Banded Box Terrapin. *Cistuda trifasciata.*
62. Chinese Large Headed Terrapin. *Platysternon megacephalus.*
63. Valvular Trionyx. *Emyda* (*Trionyx*) *punctata*
64. Valvular Trionyx, (adult.) *Emyda punctata*, (*Trionyx granosus.*)
65. Javan Trionyx. *Trionyx Javanicus.*
66. Hurum Trionyx. *Trionyx Hurum.*
67. Fig. 1. Yellow Monitor. *Monitor flavescens.*
68. Fig. 1. Macgregor's Lyre Headed Lizard. *Lyriocephalus Macgregorii.*
    Fig. 2. Stoddart's Unicorn Lizard. *Ceratophora Stoddartii.*
69. Short Pouched Dragon. *Draco abbreviata.*
70. Five Banded Dragon. *Draco quinque-fasciata.*
71. Hardwicke's Uromastyx. *Uromastyx Hardwickii.*
72. Bell's Uromastyx. *Uromastyx Bellii.*
73. Tubercled Agama. *Agama tuberculata.*
74. Beautiful Cyrtodactylus. *Cyrtodactylus pulchellus.*
75. Fig. 1. Red Bellied Tiliqua. *Tiliqua rubriventris.*
    Fig. 2. Beautiful Tiliqua. *Tiliqua pulchra.*
76. Three Streaked Tiliqua. *Tiliqua trivittata.*
77. Cobra Capella, No. 1. *Naia tripudians.*
78. Banded Cobra Capella. *Naja tripudians*, var. *fasciata.*
79. Black Cobra Capella. *Naja tripudians*, var. *nigra.*
80. Fig. 1. Spotted Bellied Snake. *Coluber ventro-maculatus.*
    Fig. 2. Bell's Tree Snake. *Achætula Bellii.*

REPTILES.

81. Lined Tailed Tree Snake. *Ahatula caudolineata.*
82. Fig. 1. Bengal Snake. *Coluber Bengalensis.*
    Fig. 2. Lozenge Snake. *Coluber rectangulus.*
83. Fig. 1. Gocool Dipsas. *Dipsas Gocool.*
    Fig. 2. Black Headed Lycodon. *Lycodon melanocephalus.*
84. Fig. 1. Side Streaked Tree Snake. *Dendrophis lateralis.*
    Fig. 2. Reddish Dipas. *Dipsas rubescens.*
85. Fig. 1. Lined backed Elaps. *Elaps dorsalis.*
    Fig. 2. Chain Spotted Lycodon. *Lycodon catenatus.*
86. Fig. 1. Slender Calliophis. *Calliophis gracilis.*
    Fig. 2. Lined Maticora. *Maticora lineata.*
    Fig. 3. White Bellied Changulia. *Changulia albiventer.*
87. Fig. 1. Penang Hypserina. *Hypserina Hardwickii.*
    Fig. 2. Hardwicke's Short Sea Snake. *Lapemis Hardwickii.*

FISHES.

88. Fig. 1. Three Banded Pterapon. *Pterapon trivittatus.*
    Fig. 2. Clouded Bedula. *Bedula nebulosus.*
    Fig. 3. Dr. Hamilton's Bedula. *Bedula Hamiltonii.*
89. Fig. 1. Spinose Gilled Anabas. *Anabas spinosus.*
    Fig. 2. Two Spotted Coius. *Coius binotatus.*
    Fig. 3. Spotted Sciæna. *Sciæna maculata.*
90. Fig. 1. Bearded Anaora. *Anaora tentaculata.*
    Fig. 2. Cuvier's Pelors. *Pelors Cuvieri.*
    Fig. 3. Forked Spined Dragonette. *Callionimus serratospinosus.*
91. Fig. 1. Indian Herring. *Clupea Indica.*
    Fig. 2. High Backed Bristle Herring. *Chatoessus altus.*
    Fig. 3, 4. Motius Herring. *Clupea Motius.*
    Fig. 5, 6. Champil Herring. *Clupea Champil.*
    Fig. 7, 8. Dr. Hamilton's Corica. *Corica Soborni.*
92. Fig. 1. Finless Ramcarata. *Apterygia Ramcarata.*
    Fig. 2. Chapra Shad. *Alosa Chapra.*
    Fig. 3. Dr. Hamilton's Long Jawed Herring. *Thrissa Hamiltonii.*
93. Fig. 1. Armed Hair-tail. *Trichiurus armatus.*
    Fig. 2. Chacca Flathead. *Platycephalus Chacca.*
    Fig. 3. Indian Cheilodipterus. *Cheilodipterus Batis.*
94. Fig. 1. Chinese Plaice. *Platessa Chinensis.*
    Fig. 2. Dr. Russell's Plaice. *Platessa Russellii.*
    Fig. 3. Short lined Finless Sole. *Plagusia abbreviata.*
95. Fig. 1. Morar Carp. *Cyprinus Morar.*
    Fig. 2. Cora Carp. *Cyprinus Cora.*
96. Fig. 1. Dr. Hamilton's Tor Carp. *Tor Hamiltonii.*
    Fig. 2. Alpar Carp. *Chela Alpar.*
    Fig. 3. Elanga Carp. *Bengana Elanga.*
97. Falcated Rock Carp. *Cyprinus (Bengana) falcata.*
98. Fig. 1. Spine Sided Monacanthus. *Monacanthus (Amanses) Histrix.* Burton.
    Fig. 2. Many Spined Coffin Fish. *Ostracion (Acerana) auritus*
    Fig. 3, 4. Dotted Girella. *Girella punctata.*
    Fig. 5. Chinese Sturgeon. *Acipenser Chinensis.*
99. Armed Rhinobates. *Rhinobatis armatus.*
100. Russell's Sting Ray. *Trygon Russellii.*
101. Spotted Sting Ray. *Myliobatis maculatus.*
102. Fig. 1. Hardwick's One Finned Torpedo. *Temera Hardwickii.*
    Fig. 2. Teeth of the Chinese Ray. *Rhina Anchylostomus.*

N. B. The last Numbers containing 22 Plates, there are 102 Plates in the Second Volume.

In some of the copies a few of the names on the Plates are incorrectly printed, but these are corrected in this List, as in Plates 4, 7, 8, 35, 50, 56, 63, 64, 82, 83, 91.

British Museum,

1st *Jan.* 1835.

STIRLING, PRINTER, MILK STREET, CHEAPSIDE.

List of Subscribers.

The Honourable Directors of the East India Company,.....40 copies
British Museum
Royal Society
Linnean Society
Radcliffe Library, Oxford
His Grace the Duke of Bedford
The Right Honourable the Earl Amherst
The Right Honourable the Earl of Derby
The Right Honourable the late Earl Fitzwilliam
The Right Honourable the Earl Fitzwilliam
The Right Honourable the Earl Spencer

Thomas Bell, Esq. New Broad Street

Mr. Charmley, Bookseller, Newcastle
J. G. Children, Esq., Sec. R. S., British Museum
Henry Clark, Esq.
Messrs. Clark & Co. Manchester
Miss Currer

Messrs. Grant & Co. Booksellers, Dublin
Nathan Gray, Esq. Wisbeach
W. Gretton, Esq. South Lambeth

Dr. Hardwicke, Wisbeach
Col. Hyde, Southampton

Sir W. A. Ingilby, Bart.

John Latham, M. D. Winchester
Mr. Lizars, Bookseller, Edinburgh

Mr. Mahon, Bookseller, Dublin

Messrs. Parbury, Allen & Co. Leadenhall Street .....3 copies
Algernon Peckover, Esq. Wisbeach
Jonathan Peckover, Esq. Wisbeach

John Reeves, Esq. Clapham
John Russell Reeves, Esq. Canton
Mr. James Richardson, Bookseller, Cornhill
Messrs. Rodwell & Co. Booksellers

N. A. Vigors, Esq.

Charles Baring Wall, Esq. M. P.
N. Wallich, M. D.
Lieut. Col. Watson, Esq. M. P.
Charles Webber, Esq. Woburn Place
— Wing, Esq. Wisbeach
Mr. W. Wood, Bookseller, York Street

FOREIGN.

His Majesty the King of the Belgians
Prince Massena, Paris
——Rienwardt, Leyden
Professor Temminck, Leyden
Dr. Möller, Gottingen
Messrs. Treuttel & Wurtz, Paris & Strasburg .....5 copies
Messrs. Artaria & Fontaine, Manheim .....2 copies
Messrs. Koch, Greifswalde
Messrs. Scalbracher & Co. Vienna .....2 copies
Messrs. Gyldendal, Copenhagen.....2 copies
The Senkenberger Nat. Hist. Society of Frankfort
Royal Library of Balle
Royal Library of Berlin

THE KUTTARS. PARADOXURUS PENNANTII. Gray
Higher Provinces of Bengal.

THE RONDAR: PARADOXURUS RONDAR, Gray

Called [illegible] by the Hindus of the Coromandel

1. PALE EARED JAY. GARRULUS ? ALBIFRONS [illegible]
2. LARGE BILLED CROW - CORVUS MACRORHYNCHUS, Wagler

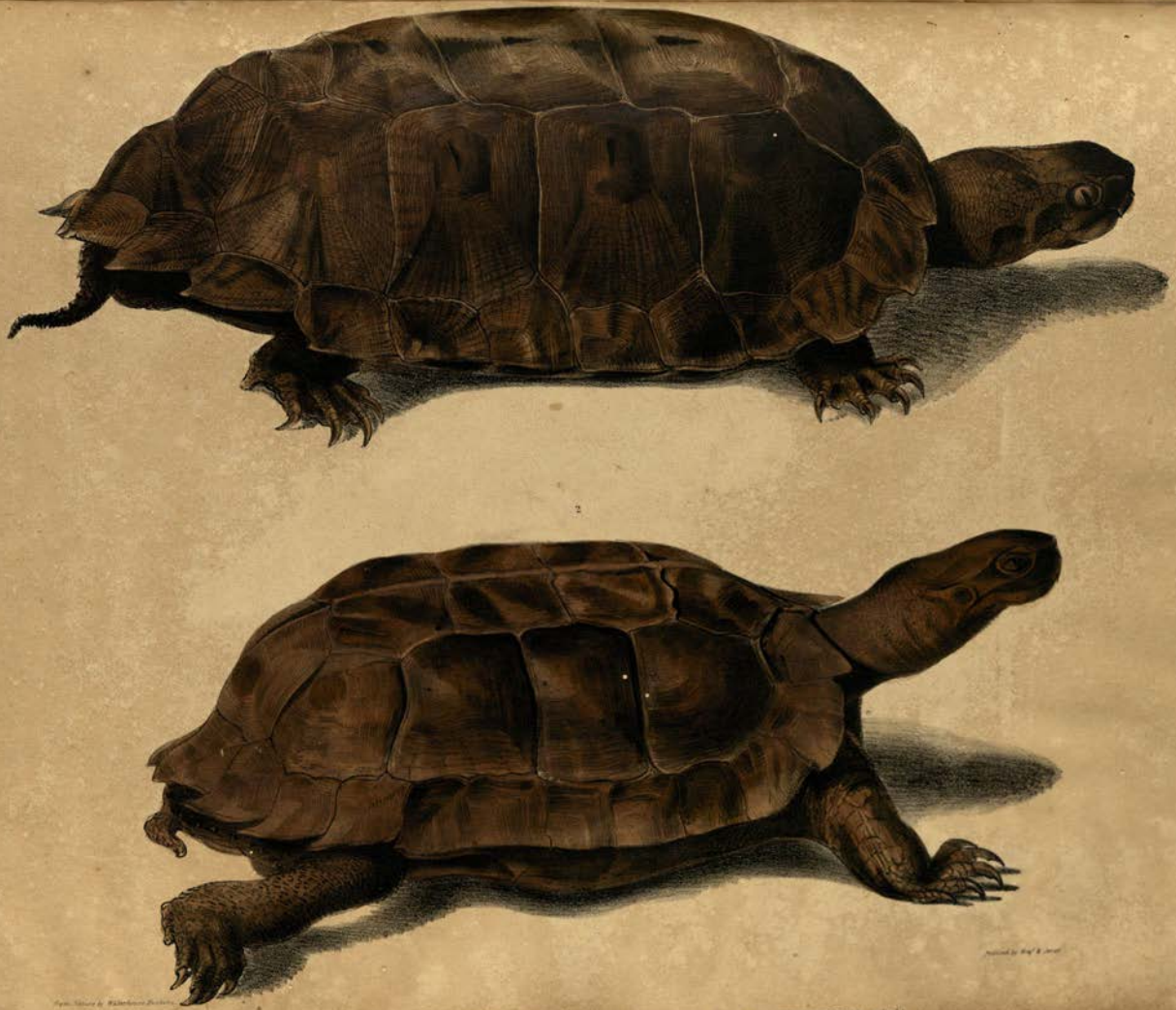
ZOOLOGICAL SOCIETY OF LONDON

Drawn & Lith. by Reeves & Turner.

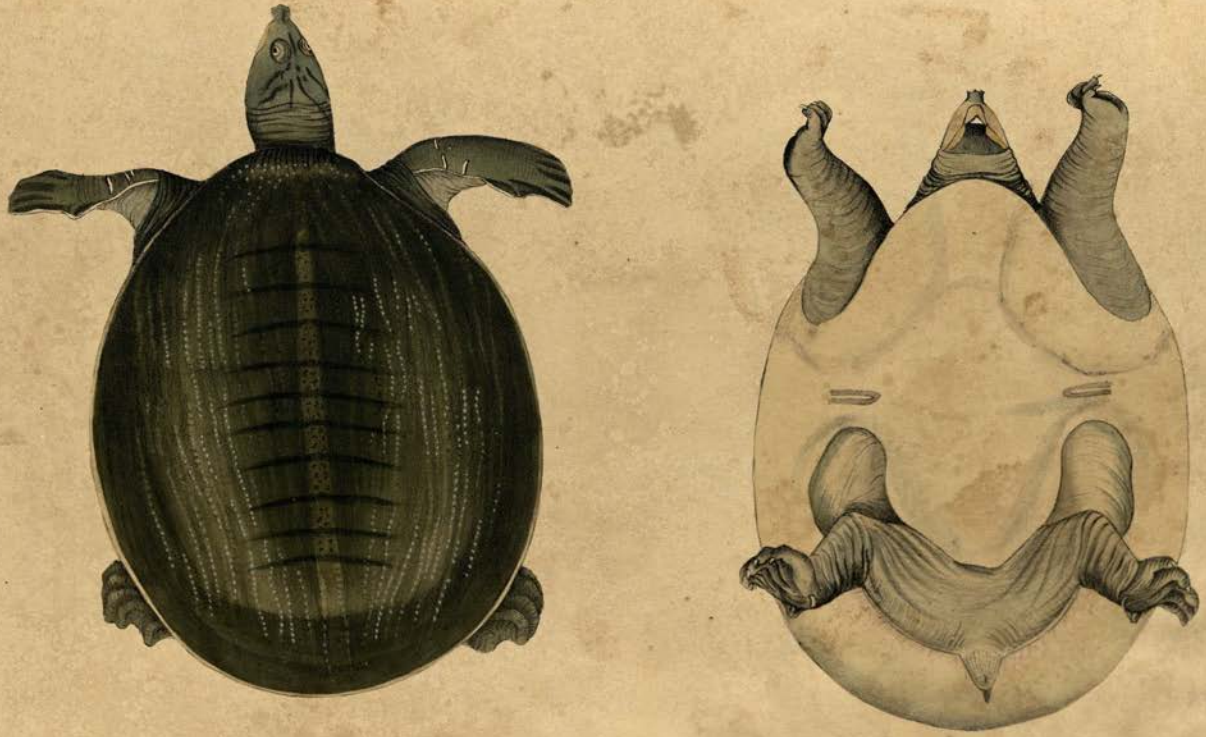
Printed by Hullmandel.

1. BLACKHEADED BRACHYPUS. BRACHYPUS MELANOCEPHALUS. 2. SHORT TAILED PELTA. PELTA BRACHYURA.
3. WHITE CHEEKED BRACHYPUS. BRACHYPUS LEUCOGENYS.

N°1 Lyriocephalus Macgregorii
2 Cermophora Stoliczkii Ceylon



1. EMYS PLATYNOTHA Sumatra 2. GEOEMYDA SPINOSA adult

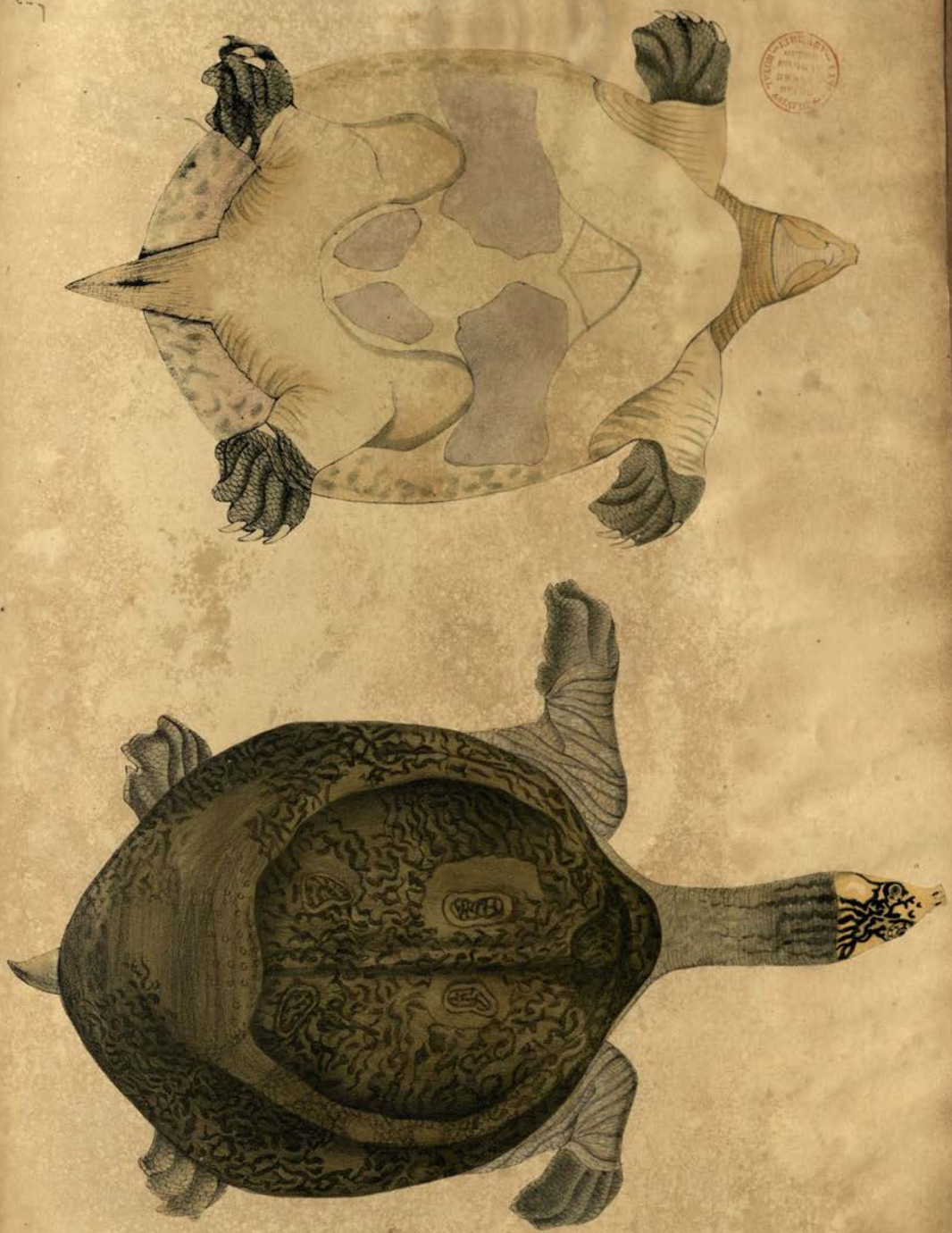


TRIONYX JAVANICUS. JAVAN TRIONIX.

Schweigger ms

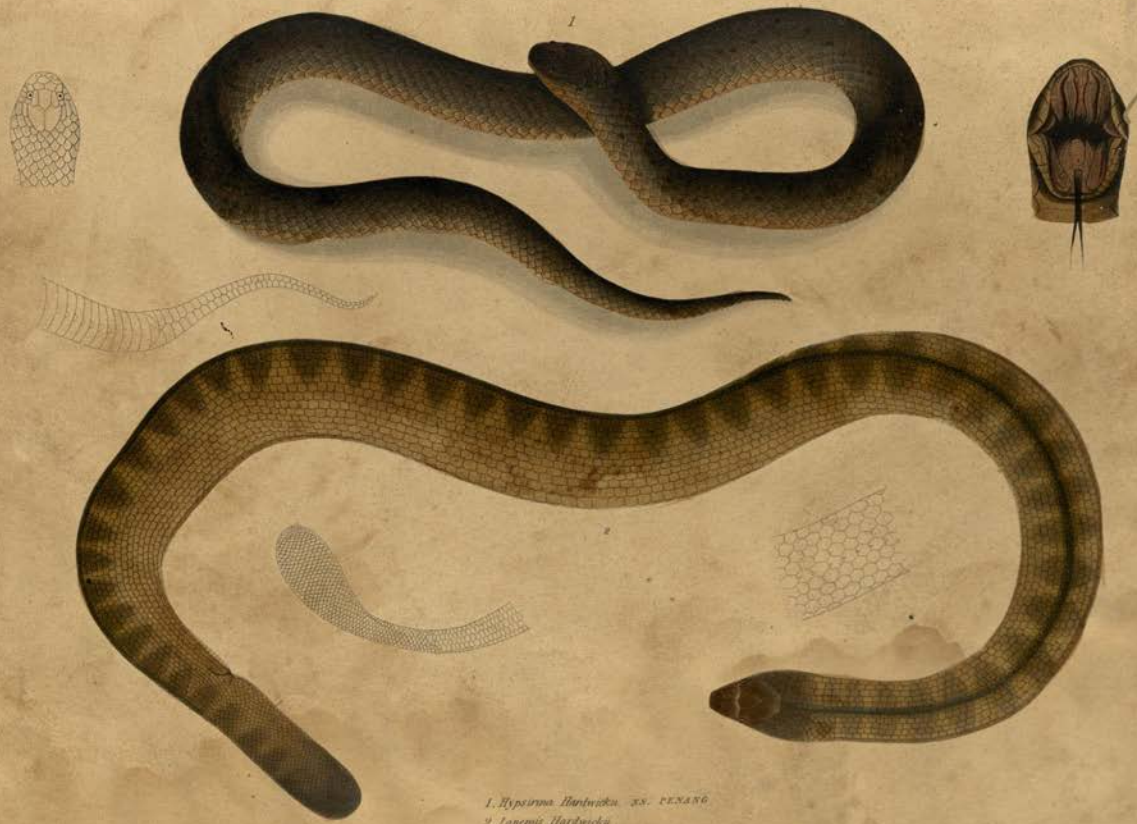
Dr Buchanan Hamiltons Drawings

Published 1828 by Baldwin, Cradock & Joy, Paternoster Row.
Printed by W. Clowes.

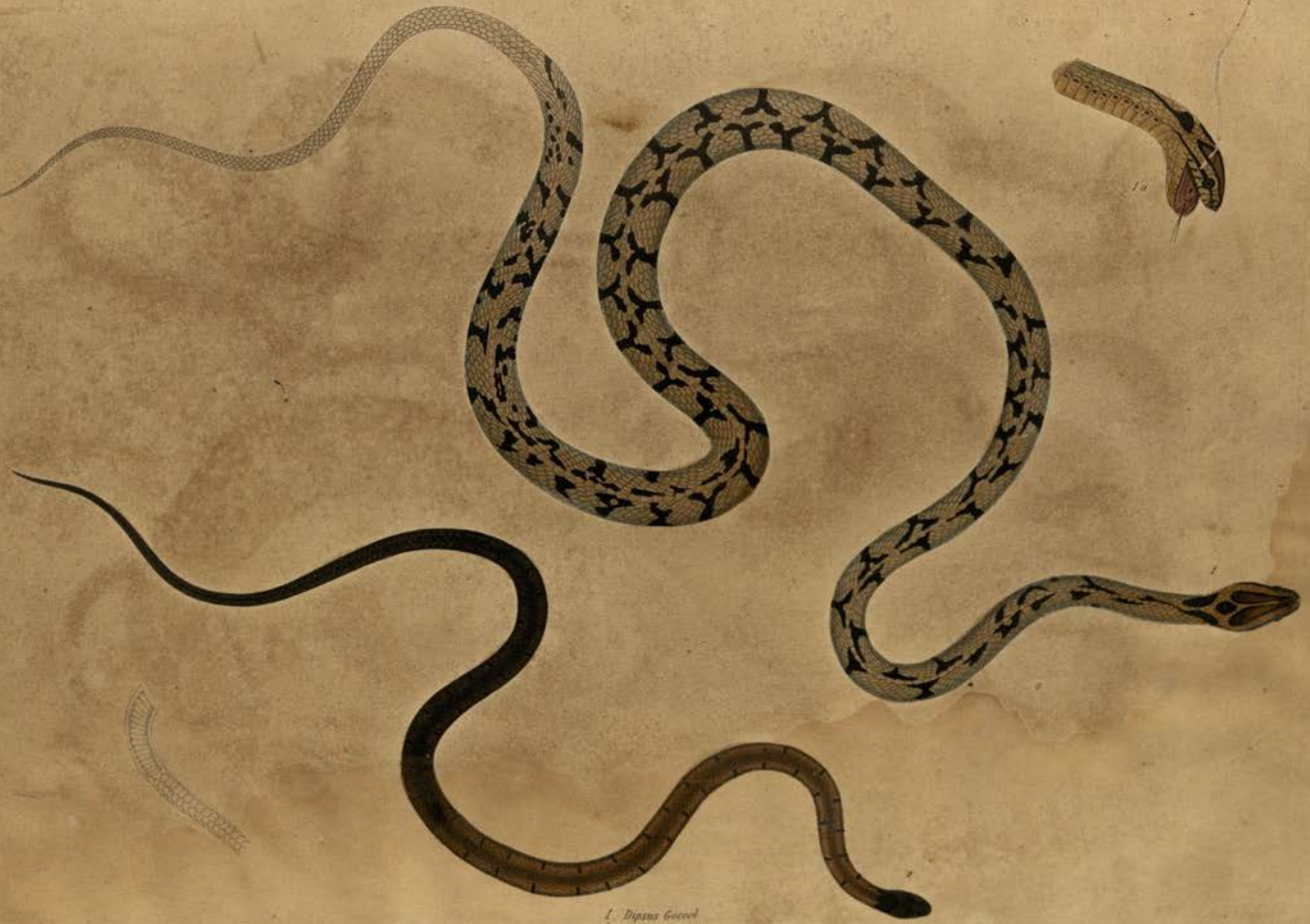


TRIONYX HURUM, v. HURUM TRIONYX.
From Dr Buchanan Manuscript Drawings

Published 1827 by Parbury Allen & Co Leadenhall Street
Printed by W Day



1. Hypsirina Hardwicku NS. PENANG
2. Lapemis Hardwickii



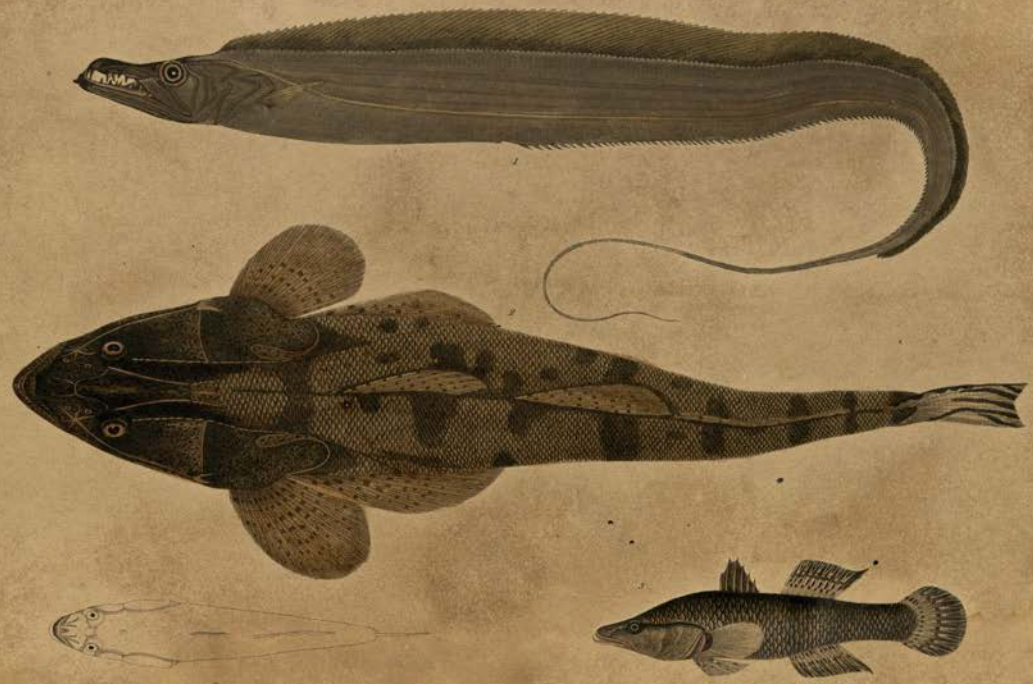
1. Dipsus Gocool
1a ———
2. Lycodon Melanocephalus.

1. *Dendrophis lateralis*
2. *Dipsas rubescens*

1 Elaps dorsalis n.s. Chittagong
2 Lycodon Catenatus Brit.Mus.

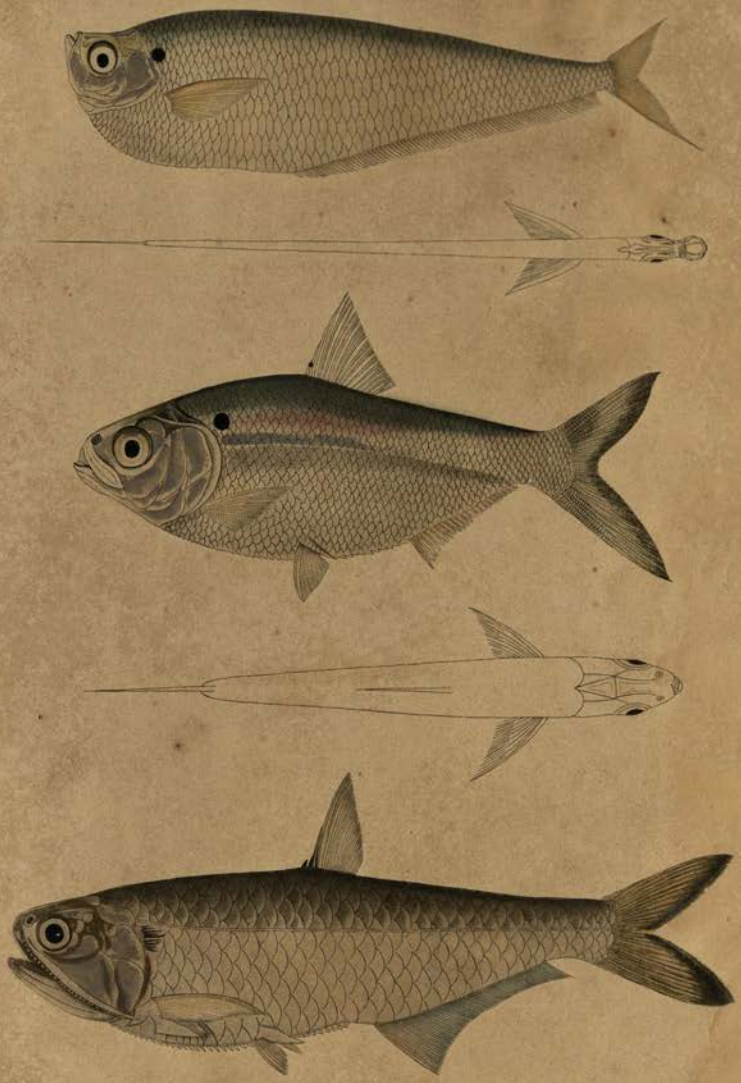
1 3 Calliophis gracilis Penang.
4 5 Maticora lineata ——
6 9 Changulia albiventer ——

1 Amoru Tentaculata Amboina
2 Pelors Cuviers N.S.
3 Callionymus serrate spinosus



1. *Trichiurus armatus* Gray.
2. *Platycephalus Chacca* ns.
3. *Checlodipterus Butis* Ham.

1. Cyprinus Merar.
2. ——— Cora.



1. *Apterygia Ramcarata* Sanger Reefs
2. *Alesa Chapra N.* Indian Ocean
3. *Thrissa Hamiltonii* ———

1. *Pterapon Trivittatus*
2. *Bedula Nebulosus*
3. ——— *Hamiltonii*

1. MONACANTHUS (*AMANSES*) HISTRIX Forbes.
2. OSTRACION (*ACARANA*) AURITUS Shaw.
3. GIBELLA PUNCTATA (*4. MOUTH*) CHINA.
4. ACIPENSER CHINENSIS CHINA.

00033433

Digitized with financial assistance from
Observer Research Foundation
on 17 May, 2019